# FACING THE CHARLEAGE OF CHARLES BESPONSE AND RESPONSE AND RESILIENCE

APRU Annual Report 2023

Annual Report 2023



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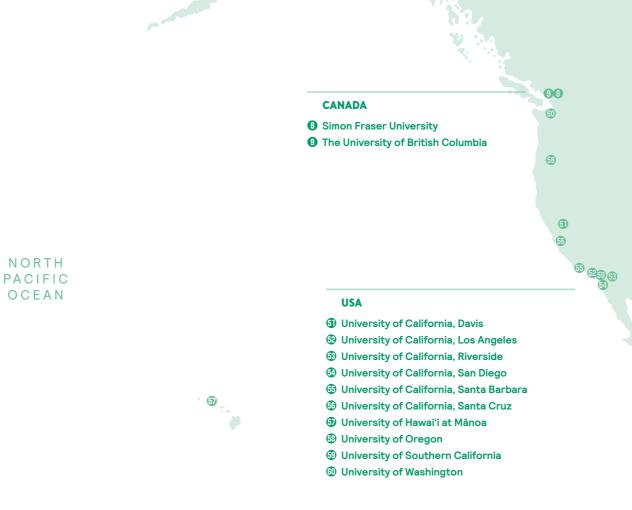
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# **TOGETHER**





SOUTH PACIFIC OCEAN



NEW ZEALAND

NORTH ATLANTIC OCEAN

4

#### MEXICO

Tecnológico de Monterrey

3.

COLOMBIA

O Universidad de los Andes, Colombia

ECUADOR

23

29

🕲 Universidad San Francisco de Quito

0

CHILE
D Universidad de Chile

SOUTH ATLANTIC OCEAN

(as of 31 March, 2023)

# **APRU Members**

APRU membership is comprised of leading universities from 19 economies of the Pacific Rim known worldwide for their academic and research excellence.

# **APRU Presidents**

(as of 31 March, 2023)

#### AUSTRALIA

Margaret GARDNER AC President and Vice-Chancellor Monash University

Brian P. SCHMIDT AC Vice-Chancellor The Australian National University

Peter HØJ, AC Vice-Chancellor and President The University of Adelaide

Duncan MASKELL Vice-Chancellor The University of Melbourne Deborah TERRY AO Vice-Chancellor and President The University of Queensland

Mark SCOTT AO Vice-Chancellor and Principal The University of Sydney

Attila BRUNGS President and Vice-Chancellor UNSW Sydney

#### CANADA

Joy JOHNSON President and Vice-Chancellor Simon Fraser University

Deborah BUSZARD Interim President and Vice-Chancellor The University of British Columbia

#### CHILE

Rosa DEVÉS Rector Universidad de Chile

#### **CHINESE TAIPEI**

Wen-Chang CHEN President National Taiwan University

W. John KAO President National Tsing Hua University

#### MAINLAND CHINA AND HONG KONG SAR

JIN Li President Fudan University

HAN Jiecai President Harbin Institute of Technology

TAN Zhemin President Nanjing University

GONG Qihuang President Peking University

DING Kuiling President Shanghai Jiao Tong University

GAO Song President Sun Yat-sen University Rocky S. TUAN Vice-Chancellor and President The Chinese University of Hong Kong

Nancy Y. IP President The Hong Kong University of Science and Technology

Xiang ZHANG President and Vice-Chancellor The University of Hong Kong

ZHENG Qinghua President Tongji University

WANG Xiqin President Tsinghua University LI Shushen President University of Chinese Academy of Sciences

BAO Xinhe President University of Science and Technology of China

WANG Shuguo President Xi'an Jiaotong University

DU Jiangfeng President Zhejiang University

#### COLOMBIA

Raquel BERNAL President Universidad de los Andes, Colombia

#### **ECUADOR**

Diego QUIROGA Rector Universidad San Francisco de Quito

#### **INDONESIA**

Ari KUNCORO Rector Universitas Indonesia

#### JAPAN

Kohei ITOH President Keio University

Tatsuro ISHIBASHI President Kyushu University

Naoshi SUGIYAMA President Nagoya University

#### KOREA

Kwang Hyung LEE President KAIST

Dong-One KIM President Korea University

Moo Hwan KIM President POSTECH

#### MALAYSIA

Dato' Mohd. Hamdi Abd. SHUKOR Vice-Chancellor Universiti Malaya

#### **MEXICO**

David GARZA President Tecnológico de Monterrey Shojiro NISHIO President Osaka University

Hideo OHNO President Tohoku University

Aiji TANAKA President Waseda University

CHA Jeong-In

Honglim RYU

Pusan National University

Seoul National University

Seoung Hwan SUH

**Dawn FRESHWATER** 

The University of Auckland

Angelo A. JIMENEZ

University of the Philippines

President

President

President

Yonsei University

**NEW ZEALAND** 

Vice-Chancellor

**PHILIPPINES** 

President

#### RUSSIA

Boris N. KOROBETS President Far Eastern Federal University

#### **THAILAND**

Bundhit EUA-ARPORN President Chulalongkorn University

#### SINGAPORE

HO Teck Hua President Nanyang Technological University, Singapore (from April 2023)

TAN Eng Chye President National University of Singapore

#### USA

Gary S. MAY Chancellor University of California, Davis

Gene D. BLOCK Chancellor University of California, Los Angeles

Kim A. WILCOX Chancellor University of California, Riverside

Pradeep K. KHOSLA Chancellor University of California, San Diego

Henry T. YANG Chancellor University of California, Santa Barbara

Cynthia K. LARIVE Chancellor University of California, Santa Cruz David LASSNER President University of Hawai'i at Mānoa

John Karl SCHOLZ President University of Oregon (from July 2023)

Carol L. FOLT President University of Southern California

Ana Mari CAUCE President University of Washington

### From the Chair



#### **Dear APRU Members:**

Each day, I am reminded of our interconnectedness. From natural disasters to trade, from international conflicts to climate change, the successes and struggles of peoples around the world are linked. We are all global citizens, and our decisions and actions have benefits and consequences that extend far beyond our national borders.

While this realization can feel overwhelming, it should also be comforting. There is much more that unites us than divides us. If we recognize this, we can work together to improve the welfare of our global community as well as the health of the planet.

A hallmark of the APRU consortium is its ability to function as a bridge across the Pacific Rim, addressing topics of worldwide urgency from a holistic perspective that combines scientific insights with an ethical imperative. In this spirit, we facilitate high-level dialogue between universities, businesses, and governments. This inclusive engagement is demonstrated by the APEC University Leaders' Forum 2022, "Preventing the Next Pandemic," initiated by the Presidential Working Group and hosted by Chulalongkorn University. Its meeting report sets out an agenda for a global action plan and identifies the cross-sector partnerships needed to implement it. Another example is the APRU Provosts' Forum 2022, hosted by Tsinghua University in collaboration with the United Nations Educational, Scientific and Cultural Organization (UNESCO). Inspired by the UNESCO report "Futures of Education," it envisions the possibilities for higher education across the Asia-Pacific, combining the latest research on university education with a deep commitment to student learning and development.

I look forward to presenting this report at our Annual Presidents' Meeting. It showcases the vast range of programs that APRU member universities have been leading, focused on enhancing student collaboration, advancing gender equity, and supporting research on sustainable development, among other topics.

I would like to extend my gratitude to President Zhang Xiang for hosting us at The University of Hong Kong for this summit. I would also like to take the opportunity to thank Christopher Tremewan for his leadership of APRU over more than 11 years — and to welcome his successor, Thomas Schneider, with our most sincere wishes for success.

It is a time of great change in the world, as we emerge from a pandemic, explore and grapple with new technology and ideas, work to address the rising impacts of climate change, and more. Fiftyfive years ago, Martin Luther King Jr. wrote that "our very survival depends on our ability to stay awake, to adjust to new ideas, to remain vigilant and to face the challenge of change." Our member universities, together, can ensure that this moment of transition can also be a moment of opportunity that leads us to create a more healthy and equitable world.

Thank you for your and your institutions' ongoing, passionate, and enthusiastic work on behalf of the large communities we serve across the Asia-Pacific region.

Ster D Block

Gene D. Block Chancellor, UCLA

### From the Chief Executive



#### **Dear APRU Colleagues:**

The year 2023 marks the beginning of APRU's second quarter-century. When the Association of Pacific Rim Universities was established in 1997, the world population amounted to less than 6 billion people, whereas it stands at 8 billion at present. Over the same period, we saw a steady rise in urbanization - in 1997, 46% of the world population lived in cities, which has shifted to a majority today, with 57% living in urban agglomerations. Since 1997, the Fourth Industrial Revolution has been changing lives at a pace unprecedented in human history - billions of people are connected by mobile devices, computing power and innovative technologies are transforming the very ecosystems in which we live and work, from food production and manufacturing to medicine, education, the workplace and our personal lives. Within the next 25 years, this transformation's opportunities and challenges will become visible and palpable. At the same time, despite the boundless interconnectedness of our digital realm, geopolitical conflicts will continue to shake up the globe over territorial, cultural, religious and economic claims. Unthought of in 1997, the massive footprint humans are leaving on this globe - not least in changing the planet's climate - has made scholars declare a new era of the Earth's history, the Anthropocene.

It is in this rapidly transforming world, marked by enormous opportunities and risks, that APRU will operate within its second quarter-century across the largest ocean on Earth, representing 60 universities and its large constituencies. APRU will continue to serve, more indispensably than ever before, as a platform of dialogue and a power of change across the Pacific. It is more than a super-connector — it is a super-translator, translating between different cultures and mentalities, and translating ideas into action.

It is a pleasure and privilege for me, as APRU's new Chief Executive, to thank the members of the Steering Committee, the presidents, senior international leaders, and many others from our member universities for their unrelenting commitment and invaluable help in the past years. By the same token, I wish to take this opportunity to invite you all to help shape APRU's second quarter-century. Former NYU president John Sexton once reflected on how in addition to their traditional mandates of knowledge creation and dissemination, "great universities can influence globalization positively and, thereby, foster the advancement of humankind in special ways." As a network of great universities, I am certain we can jointly "foster the advancement of humankind in special ways."

On behalf of the entire team of the APRU International Secretariat, I look forward to working with you in the coming year.

Am Schidu

Thomas Schneider Chief Executive, APRU

# **APRU Leaders**

### Steering Committee 2022–2023



Gene D. BLOCK Chancellor, University of California, Los Angeles; Chair, APRU



Rocky S. TUAN Vice-Chancellor and President, The Chinese University of Hong Kong; Vice-Chair, APRU



of the network.

Jin Taek CHUNG President, Korea University (until February 2023)



The Steering Committee is APRU's executive body, as elected by the presidents of member universities. It

oversees the strategy, policy, programs and finances

TAN Eng Chye President, National University of Singapore



LIN Zhongqin President, Shanghai Jiao Tong University (until February 2023)



David GARZA President, Tecnológico de Monterrey



Dawn FRESHWATER Vice-Chancellor, The University of Auckland



Santa J. ONO President and Vice-Chancellor, The University of British Columbia (until October 2022)



Xiang ZHANG President and Vice-Chancellor, The University of Hong Kong



Deborah TERRY Vice-Chancellor and President, The University of Queensland



Mohd. Hamdi Abd. SHUKOR Vice-Chancellor, Universiti Malaya



Carol T. CHRIST Chancellor, University of California, Berkeley (until February 2023)



Carol L. FOLT President, University of Southern California



Aiji TANAKA President, Waseda University



Christopher TREMEWAN Secretary General, APRU (until December 2022)



Thomas SCHNEIDER Chief Executive, APRU (from January 2023)



Sherman S. CHENG Chief Financial Officer, APRU

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### **List of New Presidents**

(as of 31 March, 2023)



Dong-One KIM President, Korea University



TAN Zhemin President, Nanjing University (from April 2023)



HO Teck Hua President, Nanyang Technological University, Singapore (from April 2023)



We express our warmest welcome to the

APRU community.

following presidents who have recently joined the

Wen-Chang CHEN President, National Taiwan University



GONG Qihuang President, Peking University



**DING Kuiling** President, Shanghai Jiao Tong University



Nancy Y. IP President, The Hong Kong University of Science and Technology



Peter HØJ, AC Vice-Chancellor and President, The University of Adelaide



Deborah BUSZARD Interim President and Vice-Chancellor, The University of British Columbia



**ZHENG** Qinghua President, Tongji University



Rosa DEVÉS Rector, Universidad de Chile



John Karl SCHOLZ President, University of Oregon (from July 2023)

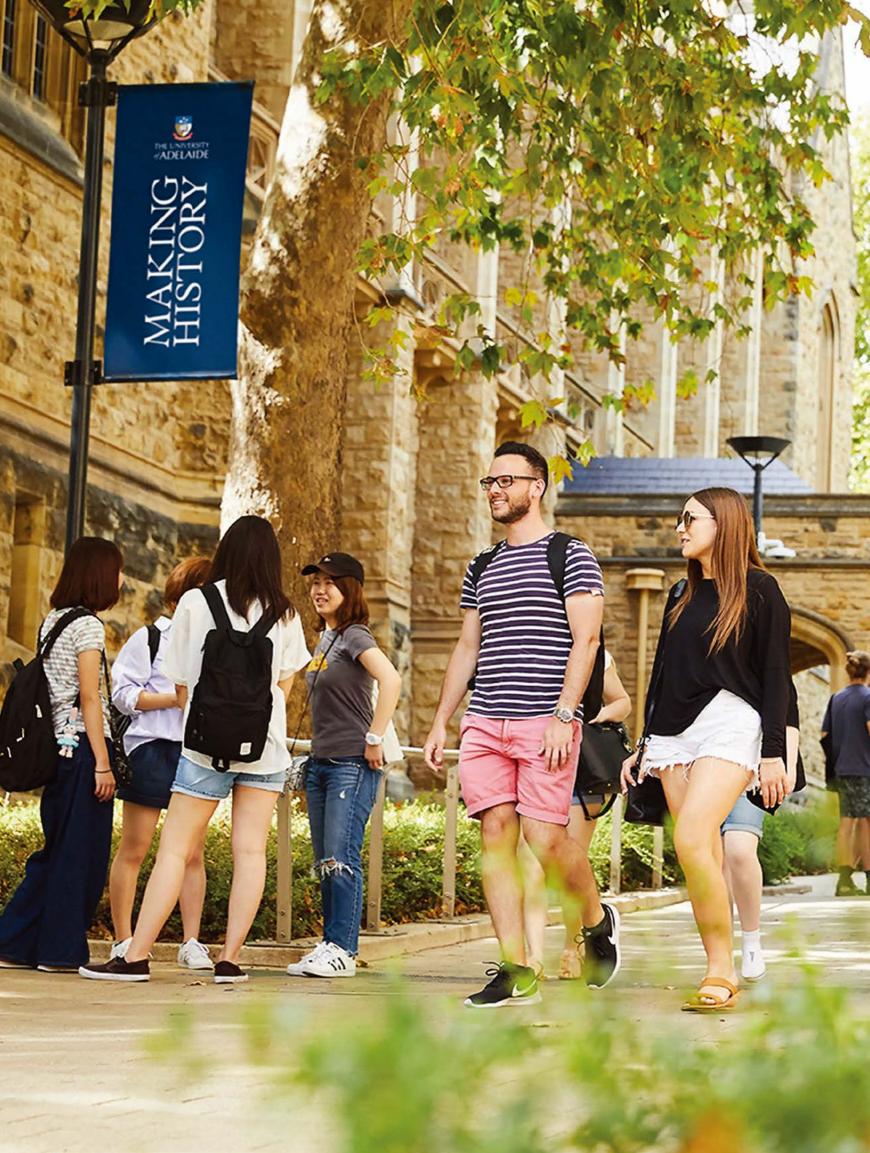


Angelo JIMENEZ President, University of the Philippines



DU Jiangfeng President, Zhejiang University





### **New Member**

#### THE UNIVERSITY OF ADELAIDE



The University of Adelaide is a member of Australia's Group of Eight research-intensive universities, and is consistently rated by the QS World University Rankings, Times Higher Education and Shanghai Jiao Tong's Academic Rankings of World Universities (ARWU) amongst the top 1% of universities worldwide. Innovation and world-class teaching and learning are built on a rich history of excellence spanning almost 150 years since the University was established in 1874.

With over 29,000 students from more than 100 countries and over 3,000 staff, half of whom are from overseas, the University's deep global connections are integral to its vision of building a better future for all.

Its staff and teachers are internationally recognised leaders in their respective fields, with expertise that spans a range of disciplines and subject areas including engineering, agriculture, computer science, veterinary science, geology, energy and earth sciences, water resources, dentistry, nursing, clinical medicine and public health.

The University's greatest asset is its 160,000 strong global alumni community; its distinguished staff and alumni include five Nobel Laureates; over 100 Rhodes Scholars, including Australia's first Indigenous recipient; Australia's first female prime minister; and Australia's first female supreme court judge.

The University also partners with leading higher education institutions, research centres, corporations and government agencies across the globe, and works with them to solve the most pressing global challenges and shape future global leaders.

The University has four campuses: three in South Australia at North Terrace, Waite and Roseworthy; and one in Melbourne, Victoria.

# Senior International Leaders

Rongyu Ll

Deputy Vice-Chancellor

The University of Queensland

and Vice-President

(Global Engagement)

Kathy BELOV, AO

Pro-Vice-Chancellor,

The University of Sydney

**Fiona DOCHERTY** 

Vice President,

**UNSW Sydney** 

External Relations

**CHINESE TAIPEI** 

Hsiao-Wei YUAN

Vice President for

Ta-Jen YEN Vice-President for

**Global Affairs** 

International Affairs

National Taiwan University

National Tsing Hua University

Global & Research

Engagement

The Senior International Leaders of each APRU member university convene annually to review the development and implementation of activities of the APRU network.

(as of 31 March, 2023)

#### MAINLAND CHINA AND HONG KONG SAR

LU Lian Director, Office of Global Partnerships Fudan University

XIONG Jian Director, Office of Global Affairs Harbin Institute of Technology

WANG Zhenlin Vice President Nanjing University

WANG Bo Vice President Peking University

Xuemin XU Vice President for Education and International Affairs Shanghai Jiao Tong University

XIAO Haipeng Executive Vice President for International Affairs Sun Yat-sen University

Alan K.L. CHAN Provost The Chinese University of Hong Kong

Yang WANG Vice-President for Institutional Advancement The Hong Kong University of Science and Technology

#### ECUADOR

#### Alexandra VELASCO

Senior Director of Internationalization Universidad San Francisco de Quito Isabella WONG Chief of Staff The University of Hong Kong

LOU Yongqi Vice President (International) Tongji University

LI Jinliang Dean, Office of International Affairs Tsinghua University

WU Yueliang Vice President University of Chinese Academy of Sciences

Jinlong YANG Vice President for International Affairs University of Science and Technology of China

XI Guang Vice President Xi'an Jiaotong University

LI Min Director, Office of Global Engagement Zhejiang University

#### INDONESIA

Agustin Kusumayati ACHIJAT University Secretary Universitas Indonesia

#### **AUSTRALIA**

Susan ELLIOT, AM Provost and Senior Vice-President Monash University

Sally WHEELER, OBE Deputy Vice-Chancellor (International & Corporate) The Australian National University

Jessica GALLAGHER Deputy Vice-Chancellor and Vice-President (External Engagement) The University of Adelaide

Adrian LITTLE Pro-Vice-Chancellor (International) The University of Melbourne

#### CANADA

Shaheen NANJI Executive Director, SFU International Simon Fraser University

Rumee AHMED Vice-Provost, International *pro tem* The University of British Columbia

#### CHILE

Alicia SALOMONE Director of International Affairs Universidad de Chile Silvia RESTREPO Vice President for Research and Creation Universidad de los Andes, Colombia

#### **JAPAN**

Motohiro TSUCHIYA Vice-President for **Global Engagement** Keio University

Kenji IWATA Executive Vice President, International Affairs Kyushu University

Norimi MIZUTANI Vice President (International Affairs, Planning, Evaluation, and Institutional Research)

#### KOREA

Man Sung YIM Associate Vice President, International Office KAIST

Sang Kee SONG Vice President for International Affairs Korea University

Jong Kyu KIM Vice President of Planning POSTECH

#### **MALAYSIA**

Yvonne LIM Ai Lian Associate Vice-Chancellor (Global Engagement) Universiti Malaya

#### **NEW ZEALAND**

Erik LITHANDER Deputy Vice-Chancellor (Strategic Engagement) The University of Auckland Manabu TANAKA Executive Vice-President of **Global Engagement** Osaka University

Toshiya UEKI **Executive Vice-President** Tohoku University

Masahiko GEMMA Vice President for International Affairs Waseda University

#### USA

Moonsuk YI Vice President of PNU International Pusan National University

Theresa Seung Ah CHO Vice President of International Affairs Seoul National University

Dong-Hun KIM Vice President for International Affairs Yonsei University

#### **MEXICO**

José Manuel PÁEZ Vice-Rector for International Affairs Tecnológico de Monterrey

#### **PHILIPPINES**

Leo C.P. CULLIGIAN Vice-President for Academic Affairs University of the Philippines

#### **RUSSIA**

Evgeny E. VLASOV Vice President for International Relations Far Eastern Federal University

#### THAILAND

Kaywalee CHATDARONG Vice President for Strategic Planning, Innovation and Global Engagement Chulalongkorn University

Joanna M. REGULSKA Vice Provost and Dean of Global Affairs University of California, Davis

C. Cindy FAN Vice-Provost for International Studies and Global Engagement University of California, Los Angeles

Marko PRINCEVAC Vice Provost of International Affairs University of California, Riverside

Tamara C. CUNNINGHAM Assistant Vice Chancellor of Global Initiatives University of California, San Diego

Kum-Kum BHAVNANI Associate Vice Chancellor for Global Engagement University of California, Santa Barbara

#### SINGAPORE

Tim WHITE

Vice President (International Engagement) Nanyang Technological University, Singapore

**Reuben WONG** Associate Vice-President for Global Relations National University of Singapore

**Becky GEORGE** Assistant Vice Provost of Global Engagement University of California, Santa Cruz

April QUINN Interim Assistant Provost for Global Engagement University of Hawai'i at Mānoa

Dennis GALVAN Dean and Vice Provost of Global Engagement University of Oregon

Anthony BAILEY Vice President for Strategic and Global Initiatives University of Southern California

Jeffrey RIEDINGER Vice Provost for Global Affairs University of Washington

### **APRU Partners**

#### Acer Planet 9



A global esports community platform for gamers and launched by Acer in early 2020, Planet 9 sponsored the APRU Collegiate Esports Regional Tournament in 2022.

#### adidas



adidas and APRU signed an MOU to explore internships and career opportunities for students from APRU universities. The two organizations are also identifying future research and innovation collaboration opportunities with APRU members on sustainabilityrelated challenges.

#### Asia-Pacific Economic Cooperation (APEC)



APRU collaborates on APEC initiatives both as a guest member of working groups and as a participant in dialogues addressing topics including oceans, health, and the digital economy.

#### APEC Human Resource Development Working Group (HRDWG)



APRU renewed its guest member status with the HRDWG to the end of 2023 and collaborates on key activities including the development of an APEC Framework for Integrated STEM Degree Programmes.

#### APEC Policy Partnership in Science, Technology and Innovation (PPSTI)



APRU renewed its guest member status with PPSTI to the end of 2024. As a guest member, APRU is involved in capacity building activities in priority areas.





APRU partnered with Bard College and the Open Society University Network on the global climate project, Solve Climate and Worldwide Teach-in on Climate and Justice. The project is co-led by Dr. Eban Goodstein, Director of GPS at Bard, and Dr. David Blockstein.

### Crowell & Moring

C&M INTERNATIONAL LLC

Crowell & Moring International LLC is the global government relations, public policy, and public affairs consultancy firm that advises the world's leading companies and associations on how to engage global policymakers and create impactful partnerships.

C&M was APRU's knowledge partner of the APEC University Leaders' Forum 2022 held in Bangkok, Thailand.

#### International Federation of Red Cross and Red Crescent Societies (IFRC)



The APRU Multi-Hazards Program works closely with IFRC on a number of key publications and projects, including the 2020 webinar series focusing on a new approach for disaster risk management after COVID-19.

#### Cyberport



The home of APRU's International University Centre, Cyberport is an innovative digital community with over 1,650 startups and technology companies. With a vision to be the hub for digital technology for Hong Kong, Cyberport worked closely with APRU to launch the Esports MetaGame Conference and partner on the Esports Fellowship Program.

#### **Our Hong Kong Foundation**



A non-government, non-profit organization founded in 2014, Our Hong Kong Foundation (OHKF) aims to contribute to Hong Kong's prosperity and stability as well as its sustainable development under the "One Country, Two Systems" principle.

OHKF was APRU's knowledge partner of the APEC University Leaders' Forum 2022 held in Bangkok, Thailand.

#### Elsevier



APRU and Elsevier partner to enhance research collaboration between members and to relate this strength to addressing challenges in Asia-Pacific. APRU is grateful to Elsevier for its support in the areas of gender equity, sustainability, health, and the digital economy.



Google.org

APRU have received funding from Google.org for four collaborative projects focusing on the impact of AI on society – AI for Everyone: Benefiting from and Building Trust in the Technology; Transformation of Work in Asia-Pacific in the 21st Century; and AI For Social Good including strengthening capabilities and governance frameworks in Asia-Pacific in partnership with UN ESCAP.

#### **Rebalance Earth**



The project Rebalance Earth, set up to explore the link between biodiversity protection, ecosystem services, and carbon sequestration, signed an MOU with APRU. The agreement will offer APRU members the opportunity to collaborate with international experts on reimagining protection of keystone species, and supporting local communities through nature-based climate solutions.

#### UN Economic and Social Commission for Asia and the Pacific (UN ESCAP)



APRU collaborates with UN ESCAP on a number of initiatives and projects including developing statistical guidance towards SDG 14, the implementation and running of the Asia-Pacific Mayors Academy and, alongside Google, developing the Al for Social Good projects.

### The Heinrich Böll Stiftung (hbs)

HEINRICH BÖLL STIFTUNG

The Heinrich Böll Stiftung (hbs), from Germany with a global network of more than 30 offices, is involved in the discussion regulatory and governance issues of digitalization especially through its Brussels, Washington and Hong Kong offices and its head office in Berlin. hbs is networked to relevant actors especially in Europe, including civil society and members of parliament, policy-makers and other experts involved in the EU's AI Law initiative.

**UN-Habitat** 

#### **UN@HABITAT** FOR A BETTER URBAN FUTURE

Since 2018, APRU has worked with UN-Habitat on the Asia-Pacific Mayors Academy. In 2019, the two organizations contributed to the development of The Future of Asian and Pacific Cities report 2019 and UN Habitat-UN ESCAP-APRU-NJU Sustainable Cities Forum hosted by Nanjing University.

#### **Times Higher Education (THE)**



APRU partners with THE on the development of global summits, including the Impact and Innovation Summit, Asia Summit, and the Leadership and Management Summit. THE is a global platform for reporting on news and issues related to higher education.

#### **United Nations (UN)**



As well as aligning its work with the UN SDGs, APRU experts joined the Technical Advisory Group within the International Labour Organization on the Women and the Future of Work in the Asia-Pacific report. The APRU Multi-Hazards Program works on projects in partnership with the United Nations Office for Disaster Risk Reduction.

Yesports



YESPORTS

APRU and Yesports partnered on the APRU Esports Apprenticeship and the APRU MetaGame Conference, engaging youth worldwide on Esports initiatives to empower a generation of students as future leaders of the Esports industry.

# Annual Presidents' Meeting 2022

Themed "**Reconnecting in a Sustainable World**," the Annual Presidents' Meeting 2022 was hosted by Nanyang Technological University, Singapore from 6 to 9 July, and presented an invaluable platform for university presidents and esteemed guests representing different regions to share their views on key challenges, including global health crises and geopolitical tensions. It was also the **first annual presidents' meeting** to be held in person since the start of COVID-19. More than **100** presidents, university leaders and delegates met face-to-face at this year's meeting to discuss the importance of cross-disciplinary collaborations to resolve challenges. Its urgency was reinforced by Piyush Gupta, CEO of DBS Bank, over a fireside chat. He highlighted the need for universities and businesses to collectively train the future workforce in the sustainability field and fund research. Other key discussion topics included **sustainable development, climate change**, and preparedness for the **next pandemic**.

The meeting concluded with high enthusiasm and a firm commitment by APRU presidents to pool together scholarships, research and innovation to shape a more equitable, sustainable and prosperous world. A Presidents' Statement was also created to outline the presidents' committed, collective actions for the coming year.

As we gather at this pivotal moment, let us pledge to create a roadmap for compelling action-oriented cooperation and make a positive contribution in a transformed world.



Prof. Subra Suresh Former President, Nanyang Technological University, Singapore



#### Shaping a More Sustainable and Prosperous World

**Discussing Key Challenges:** Various discussion sessions over two days presented valuable opportunities for panelists to share their views on critical challenges, such as global health crises, deepening inequality, heightening social unrest, new geopolitical tensions, as well as sudden changes in public policy.

Learning from the Pandemic: In the sessions themed "Responses to Crisis in a Diverse Region," APRU universities illustrated how they had overcome key challenges brought by the pandemic. Chancellor Gary May of the University of California, Davis, said: "In the spirit of thinking about actionable responses from the APRU community, we talked about the best practices that can be shared among our universities. More importantly, we discussed how we can share the important data particularly relevant to the pandemic."

**Striving toward Sustainability:** In a session themed "Reconnecting: The New Urgency for Collaboration," panelists shared their unique experiences and visions of how higher education institutions should work together to address imminent regional and global issues and shape a sustainable future.



▲ Over 100 presidents, university leaders and delegates gathered on the campus of Nanyang Technological University, Singapore to participate in the first in-person annual presidents' meeting since 2019.

# APEC University Leaders' Forum 2022

The APEC University Leaders' Forum 2022 was hosted by Chulalongkorn University in Bangkok, Thailand on 16 November, 2022, under the theme "Preventing the Next Pandemic – The Global Partnership Agenda for Governments, Business, and Research Universities."

As a high-level side meeting of the annual round of the APEC CEO Summit and the APEC Leaders' Meeting, the forum brought together university leaders, policymakers, and entrepreneurs, who shared their visions of increasing global resilience, promoting international cooperation, and developing future-proof strategies to prepare for another pandemic.

Foday's forum will be a key turning point in forging technical cooperation within the Asia Pacific to discuss approaches to tackle challenges, form joint studies and research on development in all dimensions, including technology and innovation, as the main foundation leading to prosperity of all regional countries in a balanced and sustainable manner

His Excellency General Prayut Chan-o-cha Prime Minister of Thailand

#### Working Together to Enhance Global Health Resilience

**Cooperation is Vital:** His Excellency General Prayut Chan-o-Cha, Prime Minister of Thailand, addressed the opening ceremony, and noted that collaboration among all sectors was vital for building resilience. He pointed out that one of the critical factors behind Thailand's success in handling COVID-19 was its public health policy, which prioritized exchanging knowledge with other countries and economies.

New Mechanisms Needed: In a special plenary session, Dr. Bernhard Schwartländer, an epidemiologist and Global Health Envoy of the German Ministry of Foreign Affairs, highlighted the urgent need to reinvent the traditional, top-down systems to be better prepared for future pandemics. He believed the new mechanisms should facilitate information sharing, promote transparency, and accelerate inventions in preparing for, and tackling, a pandemic.

Three Plenary Sessions: The forum comprised three plenary sessions which focused on the strategic areas identified by the APRU Presidential Working Group, namely biomedical research partnerships, socialcultural strategies, and combatting the infodemic. The sessions sought ways to enhance future public health by addressing these issues.

A Better Future: The meeting concluded with a deep commitment to building a more robust, resourceful, and responsive world in the future.



Thailand's Prime Minister His Excellency General Prayut Chan-o-cha addressed the opening ceremony and delivered the keynote address on the significance of this year's APEC University Leaders' Forum.

# Senior International Leaders' Meeting 2022

After two years of virtual meetings due to the pandemic, the APRU Senior International Leaders' Meeting 2022 was hosted on-site and through a hybrid session by the University of California, Riverside, under the theme "Reconnecting to Shape Our Common Future."

Amidst a new sense of urgency brought by recent global crises, the meeting gathered leaders from APRU member universities, and served as an important platform to develop collective strategies on higher education, which is facing a very different world from when the university leaders last met.

#### At A Glance



11

delegates

institutions



economies

### Enhance Trust and Cooperation for a Better Common Future

**Keynote speech:** Highlights from the three-day inperson meeting include the keynote speech by Prof. Susan Hackwood, Professor Emerita and Director of the Science to Policy Program at the University of California, Riverside. A series of discussions was also held by other renowned delegates.

Shaping International Landscape: During the panel discussion "Shaping the Landscape of International Higher Education," panellists representing different regions shared their perspectives on how the landscape of international higher education had shifted. Prof. Jeffrey Riedinger, Vice Provost for Global Affairs of the University of Washington, chaired the panel and remarked, "At a time of multiple geo-political tensions, we are mindful that cross-institutional, cross-continental collaborations are essential to effectively addressing the world's most pressing challenges and most promising opportunities."

**New Understanding of the Future:** At the hybrid session "Global Learning and Student International Activities in the New Normal," delegates from around the world shared their thoughts on the lessons learnt during the pandemic, new understanding of the future in higher education, and ways to develop trust for the benefit of students and societies.



▲ Higher education leaders gathered on University of California, Riverside campus for the Senior International Leaders' Meeting 2022, the first in-person annual meeting held since 2019. The pandemic has reinforced the importance of universities deepening their connection with each other and of pursuing a collective approach to addressing global challenges facing higher education.

> Chancellor Kim A. Wilcox University of California, Riverside

1

### APRU in the Media

In the past year, despite the pandemic's disruption, APRU continued to extend its reach and awareness of its activities with media coverage at the regional and international level, enhancing the profile of the organization and its members.

At A Glance

 $2K^{*}$ 

pieces of media coverage 1.9B+

unique visitors per month (measured at the outlet level)

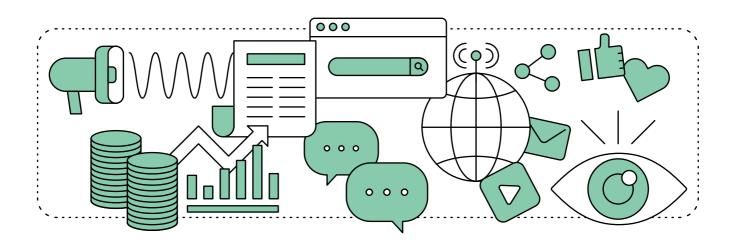
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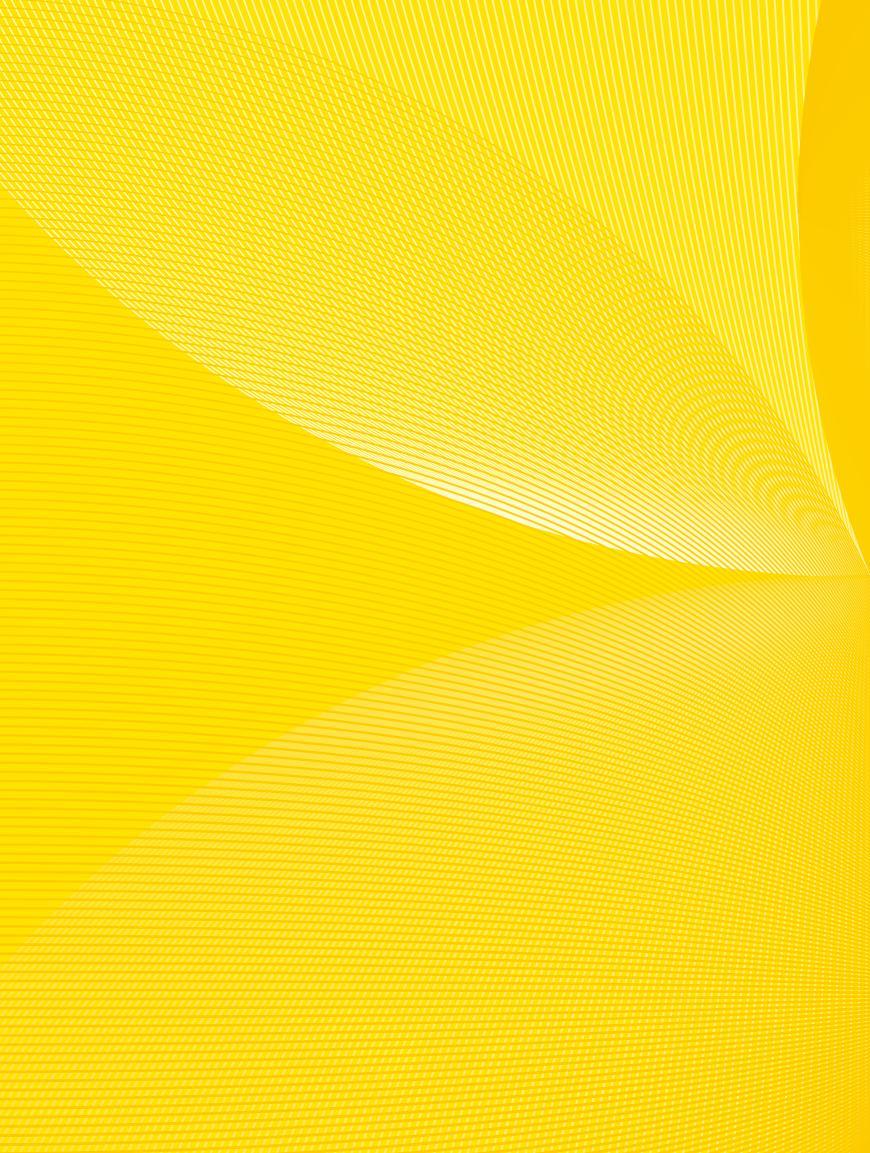
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**PR value** 

social media impressions









# United Nations Sustainable Development Goals

At APRU, we are playing our part in empowering our future leaders and building a more sustainable world. Joining forces with students, researchers, experts, academics, universities and our international partners, we align our programs with the objectives of the 17 United Nations Sustainable Development Goals (UN SDGs), which aim to achieve a prosperous, inclusive, and sustainable society for all by 2030.





#### **Contributing to the Sustainable Development Goals**

While the COVID-19 pandemic and geopolitical challenges have created uncertainty over our SDG progress, APRU remains committed to supporting the advancement of all 17 UN SDGs. Through our yearround program, we continued to make significant progress in multiple goals, specifically with the following activities:

### Reducing Inequalities and Promoting Good Health and Well-Being

### **3 4 10**

- Asia-Pacific Women in Leadership Mentoring Program provides international and intercultural opportunities for the empowerment and professional growth of aspiring women leaders within APRU.
- APRU Global Health Program addresses pressing challenges in today's globalized environment, bridging health divides and facilitating collaborations.
- APRU Population Aging Program prepares experts for the shrinking workforces and the increasing demand for public spending and social security due to an aging population.
- APRU SDG4GC is an intercultural transdisciplinary and interactive program that fosters global citizenship among students from APRU members
- Global Health Online Courses ensure that students and young researchers receive proper training in the conduct of ethical medical and healthcare research.
- Indigenous Knowledges Program explores new ways for universities to practice, collaborate and promote comparative research, and teaching and learning activities in the area of indigenous knowledges.

#### **Building Sustainable Cities and Communities**

### 3 6 7 11 13 15 17

- APRU Sustainable Cities and Landscapes Program brings together multidisciplinary experts to solve critical urban sustainability issues facing Pacific Rim societies.
- APRU Sustainable Waste Management Program invites waste management experts to share knowledge, insights and cutting-edge research findings on the topic.

#### **Delivering Quality Education**

### 4 10

- APRU Virtual Student Exchange Program provides an immersive virtual student exchange experience through technologies and virtual platforms.
- Global Sustainability Course Waste and the City a seminar course introducing graduate students to sustainability concepts and application from leading experts while gaining insights from industry leaders how sustainability is addressed within main industries.
- **Provosts' Forum** expands the leadership networks beyond presidents and senior staff, and addresses important academic management issues.
- Student Global Climate Change Simulation is a role-playing event, in which students formed multi-country teams as delegates to the UN Climate Change Negotiations.

#### **Fostering Partnerships for the Goals**

### **4** 17

- Al for Social Good Project supports Al policy collaborations between academic experts and government agencies in the region.
- Asia Pacific Mayors Academy supported by APRU Sustainable Cities and Landscapes experts in partnership with UN ESCAP, UN Habitat, UCLG ASPA, IGES and UNU IAS, brings together city officials and policymakers to guide cities towards achieving the UN SDGs.
- **Undergraduate Leaders' Program** empowers young leaders to meet emerging challenges in an increasingly globalized world.

#### Supporting Industry, Innovation and Infrastructure

### **4 9** 17

- APRU Esports Fellowship Program and Metaverse Conference. APRU partners closely with Cyberport Hong Kong, which serves as the home of APRU's International University Centre. With a vision to be the hub for digital technology for Hong Kong, Cyberport is an innovative digital community with over 1,650 start-ups and technology companies.
- **Carbon Neutral Society** highlights a range of research initiatives undertaken by APRU universities with the common goal of preserving the global environment and achieving a sustainable society.

#### **Enhancing Climate Action and Awareness**

### 7 8 9 11 12 13 14 17

- APRU Biodiversity Program provides the starting point to enhance cooperation and synergies among APRU members in the field of biodiversity.
- APRU Multi-Hazards Program strengthens regional collaborations against all hazards and advocates an interdisciplinary approach for future regional leaders.



# 2.1

Advancing Education for the New Era

# Amplifying Benefits of Virtual Research Platforms

COVID-19 has brought profound changes to everyone's life, from how we travel to how we work – often disruptive, but sometimes beneficial. In 2022, APRU programs continued to leverage the power of online and hybrid activities to facilitate knowledge transfer and teamwork beyond borders. Virtual conferences and webinar series were held to jointly address key challenges, such as global health, population aging, and waste management.

We need to advocate for policies that encourage productive aging, leverage on the ability of the elderly to continue contributing to society

> **Prof. Ka Lin** Zhejiang University



#### 12<sup>th</sup> APRU Population Aging Virtual Conference 2022

Zhejiang University and National University of Singapore jointly held the 12th APRU Population Aging Virtual Conference 2022 in November. Themed "Ageing at a Time of Crisis: Understanding Needs, Navigating New Challenges," the two-day virtual conference saw more than 120 international experts and scholars exchange thoughts on global aging issues. It underlined the importance of collaboration across research, policy, and practice domains to achieve optimal outcomes for older persons.

#### APRU Global Health Working Group Webinar Series

This 6-session webinar series was held from June to October, during which APRU experts conducted discussions and analyzed case studies on the future of social sciences in key areas, including global health and mental health in the context of COVID-19, cancer prevention and control, humanitarian emergencies, and more. The series facilitated research collaborations and education around key topics of interest to APRU students.

#### APRU Sustainable Waste Management Forum

With an aim of addressing plastic pollution exacerbated by COVID-19, this hybrid forum invited scholars from the APRU network and European institutes to share new ESG perspectives in plastic pollution-governance, business models and tourism. Experts and practitioners from international organizations, such as the International Union for Conservation of Nature (IUCN), also shared valuable insights at the forum.

**ACTIONS AND IMPACT** 

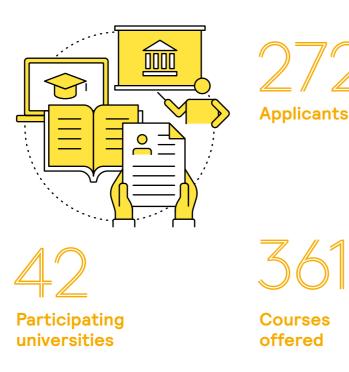
## Broadening the Application of Virtual Education

The APRU Virtual Student Exchange (VSE) Program allows students to take academic courses and participate in co-curricular programs virtually from a place of their choice, opening higher education to more possibilities. The program immerses students in a virtual exchange experience through digital technologies and platforms. As a result, students can more easily come across new ideas, cultures, experts, academics, and students from around the world.

## **Host University**

The Chinese University of Hong Kong

## At A Glance



## Earth Day Challenge

On 22 April, Earth Day 2022, the APRU VSE program challenged students across the Pacific Rim to employ their artistic creativity – through writing, art, photography, videography and more – to respond to the Earth Day theme, "Invest in Our Planet." The program also pledged to plant 30 trees for every entry it received, which resulted in 720 trees planted in communities most vulnerable to climate change and environmental degradation in the Asia-Pacific.

## VSE Case Studies featured in UNESCO Publication

The UNESCO International Institute for Higher Education in Latin America and the Caribbean featured an important case study from the APRU VSE program in a report published last year, which analyzed the benefits and roadblocks of virtual education. The report comprised a series of case studies and assessed how virtual learning can boost student mobility and how the measure can play a role in making higher education more global post-pandemic.

## **APRU VSE Program Made Headlines**

South China Morning Post featured the APRU VSE program twice last year, including an opinion piece by Prof. Rocky S. Tuan, Vice-Chancellor and President of The Chinese University of Hong Kong, who wrote that virtual technology had made the experience of studying overseas "more accessible to less privileged students." The leading newspaper in Hong Kong also highlighted the APRU VSE program as it evaluated the impact COVID-19 restrictions had cast on university exchange programs.

## Carving Esports' Role in Higher Education

With its popularity worldwide, esports is fast becoming a part of higher education, providing a new way for educators and institutions to engage students in and out of classrooms. APRU's esports program enables its member universities to connect, coordinate and collaborate. It also aims to develop a comprehensive esports platform to help universities grow their respective programs in research, career development and more. In the past year, APRU orchestrated three major initiatives: APRU Games and Esports Research Working Group, Metagame Conference 2022, and the Second Cohort of the Esports Fellowship Program. APRU Games and Esports Research Working Group: Established in 2022, the Working Group consists of 27 members across 15 APRU member universities. Led by Nanyang Technological University and Zhejiang University, it aims to advance the study of the esports ecosystem and collaboration across the APRU network. In 2022 the working group hosted the first seminar with the topic "Viewer perspectives on cheating in Esports: Ethics, explanations, and excuses".

## **Founding Members**

- Far Eastern Federal University
- The Hong Kong University of Science and Technology
- Keio University
- Nanyang Technological University, Singapore
- National University of Singapore
- · Tecnológico de Monterrey
- The University of British Columbia
- University of California, Los Angeles
- University of Southern California
- University of Washington
- Yonsei University

The advent of the metaverse and blockchain technologies, the higher education landscape as we know it will be rewritten completely. It will bring new opportunities and challenges for scholars, students, creators, and universities, unlocking the next level of interaction and engagement in universities

## **Prof. Yang Wang**

APRU Senior International Leader and Vice-President for Institutional Advancement, HKUST

## Metagame Conference 2022:

The Conference took place on 27 August, 2022 featuring high-level policy discussions, expert insights-sharing, next-generation learning, and student art contest and tournament. More than 2,000 participants from over 30 economies attended the event, which was hosted by APRU and Cyberport in partnership with The Hong Kong University of Science and Technology (HKUST).

### Second Cohort of the APRU Esports

Fellowship Program: It brought together 62 fellowship students and 12 advisors from 10 APRU member universities. Led by Tecnológico de Monterrey in partnership with APRU and Cyberport, the program supports student leaders who are seeking to become the future leaders of the industry and facilitates the growth of a healthy and vibrant esports community.

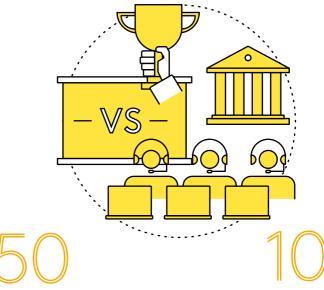
## At A Glance

## Tournament



8

Universities



Contestants from Asia, North America and Latin America





▲ Left: 1st Place of Latin America, eSports Uchile, Universidad de Chile

- ▲ Top Right: 1st Place of Asia, Puffy Gang, Nanyang Technological University, Singapore
- ▲ Bottom Right: 1<sup>st</sup> of North America, UHEsports, University of Hawai'i at Mānoa

## Nurturing Global Citizenship through the Virtual Student Exchange Program

The APRU Sustainable Development Goals Education for Global Citizenship (SDG4GC) is an intercultural, transdisciplinary, and interactive program that fosters global citizenship among students from APRU member universities. It is led by Chulalongkorn University and The Chinese University of Hong Kong, with an aim to provide students with knowledge about issues of global importance. Designed to engage students in studying and sharing the practices of the 17 United Nations sustainable development goals (UN SDGs), it also introduces students to diverse cultural and social contexts.

## **Immersive Learning on Critical Topics**

Themed "Shaping the Future of Health and Wellbeing," the program engaged students in interactive lectures and workshops on design thinking and cross-cultural communication. Students also received mentorship from experts from the program's core partners and worked in teams to develop solutions to address a health challenge. The program covered a wide range of topics, including mental health, health equity, health care system, ethics, healthy aging, and global health.

## **Pitching the Best Innovation**

A student pitching competition featuring solutions to the "Future of Health and Wellbeing" was held in March 2023, which saw the winning team earning a week-long visit to Bangkok, with training at Chulalongkorn University's Innovation Hub, field trips to companies and startups, and a rare opportunity to join an important UN event in Bangkok.

This platform will also provide opportunities for participants from all sectors to share their experience in their preparation for handling new challenges, especially during this period of uncertainty, in which mutual collaboration is needed more than ever

> Prof. Bundhit Eua-arporn President, Chulalongkorn University



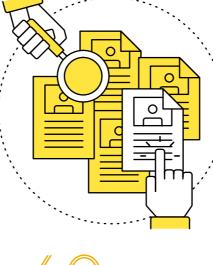
F Congratulate all participating students on being selected for the inaugural class of APRU SDG4GC, which was met with overwhelming enthusiasm from students and universities across the APRU network. This program guides students to create solutions to some of the world's biggest challenges through collaboration, which is critical in a world faced with an increasingly polarized geopolitical environment

> Prof. Rocky Tuan Vice-Chancellor and President, The Chinese University of Hong Kong









APRU member universities represented

## **Host Universities**

- Chulalongkorn University
- The Chinese University of Hong Kong

## **Core-partner Universities**

- Kyushu University
- Shanghai Jiao Tong University
- Simon Fraser University
- Universiti Malaya

In partnership with the United Nations



## 2.2

Fostering Partnerships and Knowledge Sharing

## Boosting Climate Change Knowledge through Simulation Exercise

In 2022, APRU successfully held a Student Global Climate Change Simulation, an interactive exercise aimed at helping students better understand climate change targets, governance framework and the actions needed to curb global warming. Supported by academics and partner-experts, 170 students from 18 universities played the role of delegates to the UN Climate Change Negotiations to learn about challenges and pathways to keeping global temperature rise "well below" 2 degrees in line with the Paris Agreement.

The value of this type of experience for students is magnificent, as it allows students to appreciate the values of a wide range of intellectual disciplines and a high degree of intercultural sensitivity, tolerance and a global perspective.

Prof. Vivian Lee The Chinese University of Hong Kong, who served as facilitator

## Three Rounds of Simulated Negotiations

Students were assigned to international teams for three rounds of negotiations with support from APRU faculty and climate experts. The teams heard perspectives from experts on topics ranging from deforestation to clean energy. With the role and region they were assigned during the activity, students negotiated the human and environmental effects of climate change and the economic impact on countries' climate actions.

## Learning Objectives

- Understanding what contributes to, and the impact of, climate change
- Explaining global climate change efforts, such as the Paris Agreement, the United Nations Framework Convention on Climate Change (UNFCCC), and the Conference of Parties (COP)
- Learning about how and why climate change affects the most vulnerable populations and its implications on social justice
- Identifying adaptation and mitigation strategies
- Discussing the complexity involved in countries' and economies' decision making

This simulation exercise has brought me to look at climate change from various perspectives in terms of its causes and the possible mitigation actions that are scientifically proven. I will be so happy to share with my family and friends the importance of managing forests, which involves reducing deforestation and stepping up afforestation efforts

## Pedros Marcol Tabulo Student from Fiji National University



## **Co-Organizers**

- APRU Global Health Program led by University of Southern California
- APRU Sustainable Cities and Landscapes Program led by University of Oregon

### **Partner-Experts**

- adidas
- Smart Energy Connect powered by CLP
- International Monetary Fund
- Rebalance Earth
- UN Habitat

## Discussing Potential Approaches to Regulating Al

APRU has developed a webinar series in partnership with the Hong Kong office of the Heinrich Böll Foundation to spearhead the discussions of emerging approaches to the regulation of AI in Asia Pacific and Europe. Titled "The Debating Approaches and Perspectives from Asia and Europe," the series provided a platform for best practice sharing on AI developments and governance frameworks, as well as to deepen insights into AI-related policy challenges.

## Addressing Al-related Challenges on a Global Level

A three-part webinar series was held in 2022 against the backdrop of two major shifts in the Al space: the increase in AI deployment across industries, and the beginning of AI regulations by governments using both existing and new legal frameworks. The webinars, titled "Risk-based Approaches to Al Regulation", "Explainable Al" and "Protection of Data Rights for Citizens and Users", brought together experts with the common goals of creating a better understanding of, and exchanging insights about, relevant concepts, best practices, challenges and approaches to Al regulation.



## Key Takeaways

Al has already moved out of the lab and begun impacting our lives in many ways, some more visible than others. These are evident in sectors such as manufacturing, finance and social media. Governments are also shifting from moralizing AI to regulating it. During this international exchange, experts from different disciplines agreed that it was important for all players in the AI space to continue to find the right balance between protection of data rights and the advancement and risks of AI applications, in order to unlock longterm benefits for society.

Explainable AI enables humans to understand why a system decides in a certain way, which is the first step to questioning its fairness. Algorithms are trained on datasets and proxies, and developers too often and unintentionally use datasets with poor representation of the relevant population

### Prof. Liz Sonenberg

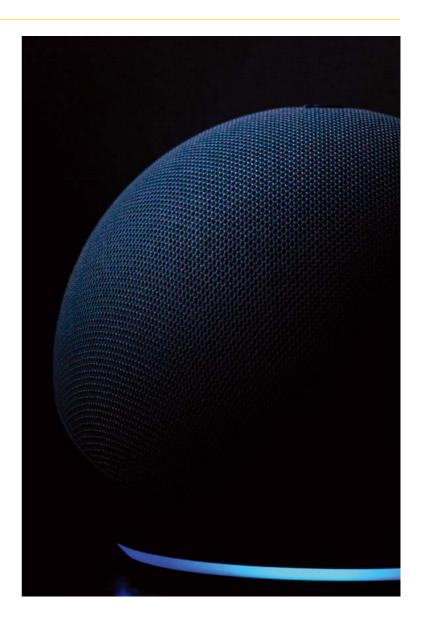
Pro Vice-Chancellor of Systems Innovation and Professor of Information Systems, The University of Melbourne

### **Speakers**

- Prof. Toby Walsh Scientia Professor of Artificial Intelligence, UNSW Sydney
- Alexandra Geese
   Member of the European Parliament
- Prof. Jiro Kokuryo Professor, Faculty of Policy Management, Keio University
- Prof. Matthias C. Kettermann Head of research programme, Hans-Bredow-Institute / HIIG
- Prof. Liz Sonenberg Pro Vice-Chancellor, Systems Innovation, The University of Melbourne
- Dr. Brian Lim Assistant Professor of Computer Science, National University of Singapore
- Prof. M Jae Moon Underwood Distinguished Professor, Yonsei University
- Sarah Chander Senior Policy Advisor, European Digital Rights EDRi
- Sankha Som Chief Innovation Evangelist, Tata Consultancy Services

### Moderators

- Zora Siebert Head of EU Democracy & Digital Policy Programme, Heinrich Böll Stiftung European Union
- Kal Joffres CEO and co-founder of Tandemic
- Dr. Axel Harneit-Sievers Director, Heinrich Böll Stiftung Hong Kong Office



# ACTIONS AND IMPACT

## Exploring the Future of Higher Education at Provosts' Forum 2022

The APRU Provosts' Forum aims to drive academic strategy and output in higher education by convening Provosts or Chief Academic Officers of the APRU network. Held online in April 2022, the forum was themed "Futures of Higher Education" and was hosted by Tsinghua University in collaboration with APRU and UNESCO. It saw participants and speakers exchange opinions and explore pathways toward a shared future of academic excellence.

Higher education could and must help forge a new social contract for education, one that can shape more just and sustainable times for all. We need a new culture of collaboration which can only be fostered through strengthened partnerships and networks

> Stefania Giannini Assistant Director-General for Education, UNESCO

## **Leading Voices in Higher Education**

Inspired by the UNESCO report "Futures of Education", the APRU Provosts' Forum 2022 featured a UNESCO keynote presentation to introduce the report to forum delegates. It was followed by two roundtables and breakout sessions for participants to explore the content presented from the perspective of the role of the provost.

## **Roundtable Sessions:**

- "The Future of Instruction, In-Person Vs. Online, and Why This Matters" by Prof. Michael Bruno, Provost, University of Hawai'i Mānoa
- "Nurturing Future-Ready Lifelong Learners" by Prof. Ling San, Provost, Nanyang Technological University, Singapore
- "How can universities enhance preparedness and resilience in higher education?" by Prof. Toshiya Ueki, Executive Vice President, Tohoku University
- "Renewing Education: Transformational Change or Back to Basics?" by Prof. Alan Chan, Provost, The Chinese University of Hong Kong

## Call for New Culture of Collaboration

The forum concluded with a summary delivered by Prof. Annamarie Jagose, Provost and Deputy Vice Chancellor of The University of Sydney, and closing remarks from Dr. Christopher Tremewan, former Secretary General of APRU, and Prof. Yang Bin, Vice President and Provost of Tsinghua University. Yang stressed the importance of collaboration in enhancing shared academic development, mutual understanding, and levels of cooperation.

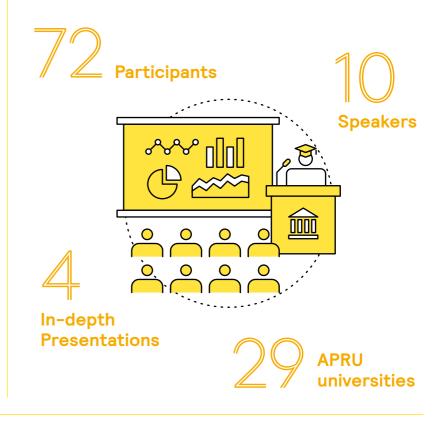
## **Forum Moderator**

Prof. Gao Hong Vice Provost, Tsinghua University

## **Host University**

Tsinghua University

At A Glance



We meet online as a result of the ongoing disruption caused by the pandemic. This reminds us that we live in a world where vastly different versions of the future are entirely possible. But we also have enduring hope to inspire through our shared commitment to education, research, and community service

> **Prof. Wang Xigin** President, Tsinghua University



## Mobilizing students to take action on Climate Change and Climate Justice

APRU is a strategic partner of the Worldwide Teach-in project, which aims to drive conversations about climate change and climate justice at more than 1,000 schools, universities, and communities globally. The project is led by the Graduate Programs in Sustainability at Bard College in New York with the Open Society University Network and partners worldwide.

## 7 Events by 7 APRU Universities

In 2022, seven APRU member universities held as many events at the Worldwide Teach-in, bringing together 28 experts and more than 2,500 participants.

The Teach-in is moving young people from despair about climate change to engagement. As voters, volunteers, interns, and in their career choices as artists, activists, scientists, or businesspeople, young people are working to stop climate change

> Dr. Eban Goodstein Bard College and Director of the Worldwide Teach-in





# 2500

## Live participants

At A Glance

Events

## 1. Plant-based 101 Online Talk

The introductory talk explained the benefits of adopting a vegetarian diet for individuals and the planet, as no animal-source diet can greatly reduce the emission of  $CO_2$  equivalent.

**Host:** The Hong Kong University of Science and Technology

2. UBC Teach-in on Climate Justice

The faculty, staff, and students of the Okanagan Campus convened to discuss ways to achieve social justice while tackling climate change, and introduce to the first UBCO Climate Action Plan 2030.

Host: The University of British Columbia

## 3. Universiti Malaya's Worldwide Teach-in on Climate and Justice 2022

The program underlined the importance of enhancing climate solutions locally within cities, states, and economies across the world to achieve social justice.

**Host:** Sustainability and Development Centre and Centre for Civilisational Dialogue, Universiti Malaya

## 4. A Global-scale Initiative 2022 Worldwide Teach-in on Climate and Justice

The online seminar shed light on the plight of climate-vulnerable communities and stressed the importance of taking local climate actions with global impacts.

Host: Chulalongkorn University

## 5. Climate Justice and Resilience Fest

The program, held in person, was designed to inspire participants to put climate justice in a bigger picture, such as envisioning new ways of living and thinking, and create space and experiences that would build community and foster resilience.

Host: University of California, San Diego

## 6. Climate Justice in Latin America and the Caribbean: A perspective from the professors of The Universidad de los Andes

The webinar sought to address climate justice as an opportunity to act ethically in the face of political and economic decisions, and to motivate society to take part in action and mitigation of it.

Host: Universidad de los Andes

### 7. Resilient Urban Landscape

The forum encouraged global cities rethink how to build more adaptable and resilient green infrastructure by sharing research and practical experience in the US, Australia, and China.

Host: Shanghai Jiao Tong University

Jniversities

Experts

## Sharing Knowledge through Multi-Hazards Book and Exhibition

The Multi-Hazards Program released a Springer book in 2022, sharing interdisciplinary knowledge and experiences of significant transformations during the pandemic across the APRU network and other higher educational institutions (HEIs). An in-person exhibition and a symposium were also held under the ArcDR3 project, sharing case studies and immersive art pieces of seven regenerative cities.

It is strongly recommended that universities review their current disaster management plans with proper risk assessment and improve them to be applicable to a wider range of risks

> Prof. Takako Izumi Tohoku University



## Resilience of Higher Educational Institutions

Considerations for a Post-COVID-19 Pandemic Analysis

D Springer

## APRU universities with experts who contributed to the Springer book

- Keio University
- National Taiwan University
- The Chinese University of Hong Kong
- Tohoku University
- Tsinghua University
- University of Oregon
- University of Southern California

## Springer Book on the Importance of Higher Educational Institutions

In 2022, the APRU Mutli-Hazards Program released a Springer book titled "**Safety and Resilience of Higher Educational Institutions – Considerations for a Post-COVID-19 Pandemic Analysis**." It demonstrates the leading role universities and institutions play in mitigating risks of natural disasters, tackling and recovering from natural and biological hazards, and dealing with widespread emergencies, such as COVID-19. The release was accompanied by a webinar, in which APRU experts from three continents shared new ideas to overcome the related challenges.

## ArcDR3 Exhibition that Spotlights Regenerative Efforts

An exhibition on Architecture and Urban Design for Disaster Risk Reduction and Resilience (ArcDR3) took place at Tokyo's Nihonbashi Muromachi Mitsui Tower in April 2022. Titled "**Regenerative Urbanism Living with Disaster: Stories from Seven Regenerative Cities**", it presented a new paradigm of urban design created by the threat of climate change. It was also a forward-looking urban design strategy that aimed to realize a civil society that coexists with disasters in the future.

## A Symposium of Fresh Perspectives

The New Visions for Regenerative Urbanism Symposium, hosted in celebration of the exhibition, were held in an all-new non-hierarchical configuration to flatten the relationship between speakers and audience. Architects, researchers, and experts in various fields discussed the concepts behind the design studios, which were the foundation for the seven explorations of future risk-resilient cities displayed in the seven wells of the exhibition.

## 2.3

Innovating for a More Sustainable World

## A Greener Future through Global Sustainability Course

Developed as a pilot in 2021, "Global Sustainability Course: Waste and the City" was offered as a full course to APRU member students in 2022, comprising seminars, lectures, and peer-to-peer discussions. It covered important topics related to the UN Sustainable Development Goals; Environmental, Social, and Corporate Governance (ESG); the linear and circular economy; and urban development. Facilitated by scholars and guest speakers and participated by students across multiple disciplines, it closely aligned with a successful example of APRU Global Health Distance Education Courses.

As shared in the class, we know that more people want businesses to take concrete actions to address climate change, with the rise of eco-awakening starting to push leaders and organizations to move rapidly toward environmentally sustainable business outcomes

> Amit Midha President Asia Pacific and Japan, Dell Technologies



## Leveraging APRU's Collaborative Network

The course was a collaboration between Nanyang Technological University, Singapore (NTU Singapore); the APRU Sustainable Cities and Landscapes Program led by The University of Oregon; and the APRU Sustainable Waste Management Program led by Korea University.

## **Empowerment through Sustainability**

The course introduced graduate students to the concepts of global sustainability and how leading academics and industry experts applied them. Students learned the key points of UN SDGs from environmental and economic perspectives, focusing on waste and urbanization. They also had a rare opportunity to interact with leaders to find out how they work with key stakeholders in implementing sustainability in their organizations. It became a valuable experience for students to practice critical thinking and analytical skills.

## **Academic Lead**

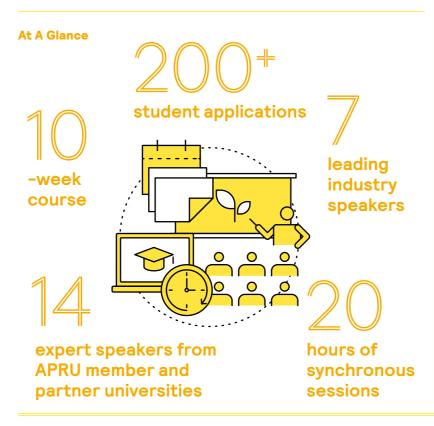
 Prof. Sierin Lim Associate Professor and Associate Dean for Global Partnerships, NTU Singapore



It will take a multi-stakeholder approach to address global challenges such as the circular economy. BP's ambition is to become a net zero energy company by 2050 or sooner, and to help the world to do the same. This can only happen by working with current and future stakeholders, suppliers, consumers and policy-makers to make this happen

## Dr. Kirsty Salmon

Vice President, Advanced Bio and Physical Sciences for Low Carbon Energy at BP



### **APRU Subject Experts**

- Prof. David Wardle
   NTU Singapore and Co-Chair of APRU
   Sustainable Waste Management
- Prof. David Lallement
   Asian School of Environment, NTU Singapore
- Prof. Tao Chen College of Business, NTU Singapore
- Prof. Shane Snyder
   Nanyang Environment & Water Research
   Institute, NTU Singapore
- Prof. Yekang Ko University of Oregon and Director of the APRU Sustainable Cities and Landscapes Program
- Prof. Yizhao Yang School of Planning, Public Policy and Management, University of Oregon
- Prof. Chingwen Cheng Landscape Architecture, Arizona State University
- Prof. Kory Russel
   Landscape Architecture and Environmental
   Studies, University of Oregon
- Prof. Yong Sik Ok Korea University and Director of the APRU Sustainable Waste Management Program
- Prof. Jay Hyuk Rhee School of Business Administration, Korea University
- Prof. Xiangzhou Yuan OJERI, Korea University

## Building Stronger Societies through Global Health Program

As societies began to recover from the impacts of COVID-19, cross-border collaborations and dialogues aimed at helping economies worldwide build resilience became more crucial than ever. As such, the APRU Global Health Program formed a new working group focusing on humanitarian emergencies and health. A case competition that simulated COVID-19's impact on Fiji's health system and economy also sparked thought-provoking discussions among 48 team across 12 economies.

## **Host University**

University of Southern California

## **Program Highlights**

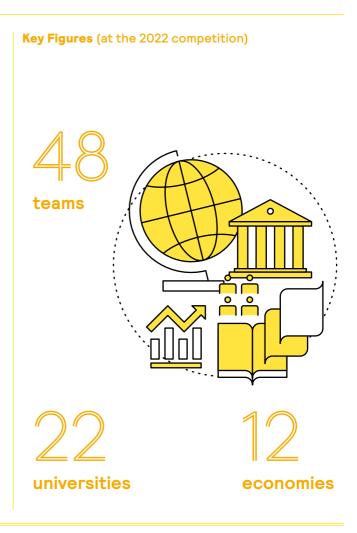
- 1. Virtual case competition
- 2. New working group
- 3. Two online courses
- 4. Mini certificate

## The 7<sup>th</sup> APRU Global Health Student Virtual Case Competition 2022

The competition attracted 48 teams across 22 universities in 12 economies. It served as a platform to present solutions for the simulated challenges faced by Fiji's health system due to COVID-19. The winning team was Fiji Apple from six students at National University of Singapore. The decision was made by an international panel of judges – all specialized in global health – and experts and participants of the Sustainable Cities and Landscape Conference 2022.

## A New Humanitarian Emergencies & Health Working Group

Its first webinar assessed how experts and practitioners could assist vulnerable populations in conflict situations. The working group is also developing a pilot role-playing exercise to help a fictional Pacific Island nation prepare for future pandemics. It aims to illustrate the complexity of decisions around allocating resources, using a WHO COVID-19 Strategic Preparedness and Response Plan Operational Planning Guideline from 2020.



## **Digital Learning on Global Health**

Two online courses were offered last year: **Global Health Leadership and Global Health Ethics**. For 10 weeks, graduate students interacted with global health leaders, focusing on the relationship between health, foreign policy, cultural perspectives, and ethics standards.

## Mini Certificate in Health Research Ethics

Offered to students and young researchers for free for the third time such since 2020, it engaged participants in lectures by international guest experts, and small group discussions of case studies facilitated by a group of APRU faculty members, in order to develop participants' competencies in health research ethics.



Gene Global Health Ethics course that I've completed enables me to apply what I had learned and find out about views on ethics from other cultures. We learned through plenty of discussions, which is one of the best ways to learn about ethics. Now I feel more confident in tackling the ethical dilemmas in my future research

> Arbel Tenembaum Student, The University of Auckland

## Enhancing Climate Awareness with Carbon Neutral Society Action Month

Climate change is a critical global issue that affects societies, industries, and nature. The APRU Carbon Neutral Society Action Month highlights a range of research initiatives undertaken by APRU universities with the common goal of preserving the global environment and achieving a sustainable society. A webinar series focused on the "realization of a decarbonized society" was hosted as a means of combating global warming and establishing a green future.

## **Host University**

Kyushu University

### Time

Mid-May to mid-June 2022

## Connecting Researchers, Enabling Collaboration

The action month targeted early career researchers (ECRs) as a first step to support them in expanding their professional networks across disciplines, research institutions, and borders. The program also drew on the expertise of researchers from various disciplines with the aim to build toward a carbon-neutral society and implement solutions that promote both sustainability and economic development. Its three primary objectives were:

- To connect people from diverse fields who are committed to combating climate change and achieving a carbon-neutral society
- 2. To highlight various approaches for achieving a carbon-neutral society that stem from initiatives in Japan and worldwide
- To continue building an international network with an emphasis on a carbon-neutral society

## **A More Neutral Future**

The APRU Carbon Neutral Society Action Month served as a pilot for a longer-term program that will focus on facilitating interdisciplinary collaboration between early career researchers through skill set training, collaboration methods, joint grant applications, and more. Twenty-one APRU member universities have indicated their interest in collaborating and engaging with the long-term program. Kyushu University is developing a framework for a potential multi-year project.

## 

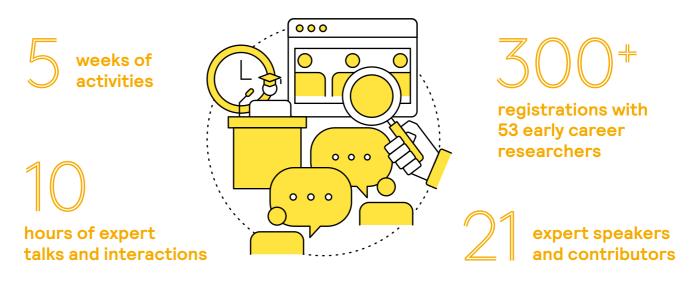


Froviding global collaboration opportunities for early-career researchers through attractive APRU programs is critical for promoting a carbon-neutral society and climate action

## Prof. Toshiyuki Kono

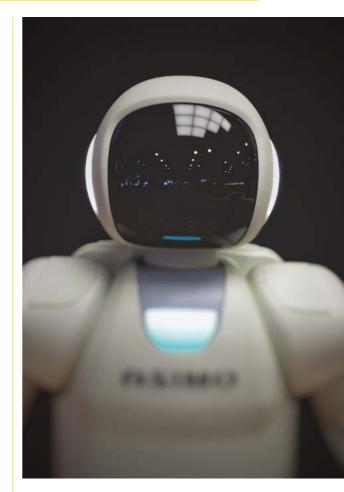
Distinguished Professor and Executive Vice President of Kyushu University & Honorary President of the International Council on Monuments and Sites (ICOMOS)





## Path-leading Innovation under AI for Social Good

Al for Social Good is the latest collaboration between APRU, United Nations Economic and Social Commission for Asia and the Pacific (UN ESCAP), and Google.org, which commenced in mid-2021 and will run until the end of 2023. The project draws on new insights from the development of a set of papers and reports, and a series of virtual and in-person workshops to actively support senior policymakers and governments officials in the cultivation of transparent ecosystems. It also aims to facilitate the development of Al solutions that will address specific socioeconomic challenges while maximizing the technology's potential.



The process of working closely with government agencies from the outset to discuss these problems and co-design research questions makes this project unique and genuinely collaborative

## Prof. Toni Erskine

Project Lead and Professor of International Politics, The Australian National University

### **Identifying the Challenges**

The Office of National Higher Education Science Research and Innovation Policy Council of Thailand has identified "Poverty Alleviation" and "Medicine and Healthcare" as two main areas of need. Meanwhile, two Bangladesh projects were initiated to look into "Continued and Personalized Pregnancy Monitoring Systems", which aim to improve health outcomes during and after birth, identify and address the potential technological issues of Bangladesh's healthcare sector, and how they would impact Al-based data analysis and decision-making processes.

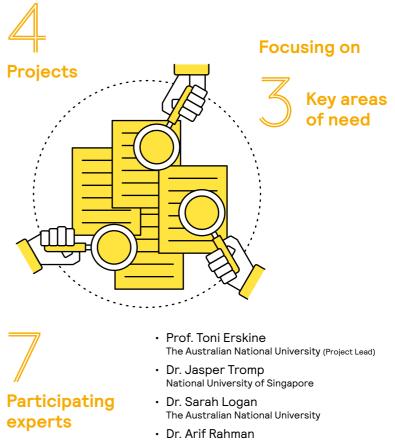
## Thailand

- On the issue of "Poverty Alleviation", the Australia National University (ANU) team are focusing on enhancing the human-centered design, public accessibility and implementation of the data-driven decisionmaking systems developed by the Thai government. In addition, to support and accelerate the use of Al in "Medicine and Healthcare", the National University of Singapore (NUS) expert team are focusing their research and analysis on identifying crucial bottlenecks and gaps that impede the beneficial use of Al.
- **Participating Universities:** The Australia National University (ANU) and the National University of Singapore

### **Bangladesh**

- Under the leadership of NUS and KAIST teams, the first project for the Bangladeshi government investigates challenges in perceptions and reception of incorporating Al into continuous pregnancy monitoring systems. The second project, under the leadership of The University of Hawai'i team, circles in on technological issues of Bangladesh's healthcare sector and their impacts on Al-based data analysis and decision-making processes.
- Participating Universities: NUS, KAIST, University of Hawai'i at Mānoa and Hawai'i Pacific University

## At A Glance



- Dr. Arif Rahman
   University of Hawai'i at Mānoa and
   Hawai'i Pacific University
- Dr. Olivia Jensen
   National University of Singapore
- Dr. Cornelius Kalenzi KAIST
- Nathaniel Tan National University of Singapore

## 2023 Outlook

Researchers and government team will meet to present and discuss the final papers in the second quarter of 2023. A summit with all participants in the project and experts and government officials will also be held in the third quarter of 2023 at the ANU to mark its conclusion.

## Funding

Google.org

### **Project Partners**

- APRU
- The Australian National
- University
- Google
- UN ESCAP

## Prepare for the Next Disasters through Multi-Hazards Program

A joint initiative between APRU and the International Research Institute of Disaster Science (IRIDeS) at Tohoku University, the Multi-Hazards Program marked its 10<sup>th</sup> anniversary in 2022. In this remarkable year, the program achieved more public engagement than ever, helping communities in the Pacific Rim – a region prone to natural disasters – prepare for and respond to adversities. It hosted four webinars, guided the annual symposium on-site at Chulalongkorn University, and greatly contributed to academic publications.

## A Fruitful Decade

The program has gained wide recognition across the region and worldwide since its inaugural year of 2013. And as extreme events threaten the whole world, such a program is needed more than ever. It has excelled in promoting the development of highly effective collaborations with the United Nations Office for Disaster Risk Reduction (UNDRR) and the International Federation of Red Cross and Red Crescent Societies (IFRC). It also shines light on the shared vision, between Tohoku University and APRU, of addressing global concerns through partnerships.



Host University Tohoku University **G**As education institutes, we need to work harder with collective efforts and well-planned strategies to mitigate potential risks and use new innovations with systematic management methods to prevent any hazards from happening.

> Prof. Bundhit Eua-arporn President of Chulalongkorn University

## **Multi-Hazards Webinars to Build A Stronger World Together**

A series of four MH webinars took place in 2022, enabling the sharing of forward-looking ideas and research efforts from scholars, policy makers and practitioners on the ongoing recovery after the Great East Japan Earthquake and Tsunami (GEJET). They also facilitated interdisciplinary research and initiatives on Disaster Risk Reduction (DRR) across different sectors and fields.

## **Fostering Conversations on Innovative Approaches**

Under the theme of "Innovation Toward Sustainable Growth and Disaster Risk Reduction", the annual symposium was held by Chulalongkorn University, and highlighted the importance of innovative approaches for numerous key topics, ranging from infrastructure and community resilience to socioeconomic and governance challenges. The in-person event gathered 120 scholars, practitioners and participants from the APRU network and the UN ESCAP.



## Tackling Climate Risks and Building Urban Resilience with Sustainable Cities and Landscapes Program

Cities are responsible for an estimated 75% of global carbon dioxide emissions. However, they can also be a part of the solution for societies to increase resilience and adapt to climate change while reducing greenhouse gas emissions. The APRU Sustainable Cities and Landscapes (SCL) Program aims to drive discussions and innovations in various areas, such as tackling climate change, conserving biodiversity, and boosting urban resilience. As part of its second five-year plan, the program also aims to develop a shared curriculum and a survey-based project partnering with the Asia-Pacific Mayors Academy.

## First On-site Conference since COVID-19

The SCL annual conference saw more than 80 participants meet in-person at The University of Hawai'i at Manoa in September, making it the first physical event in all APRU programs since the pandemic. Held under the theme "Climate Risk and Urban Resilience-Challenges Ahead," it comprised 13 interdisciplinary working groups, including two virtual working group sessions, and an on-site student symposium. Concurrently, Shanghai Jiao Tong University, a new member of the SCL steering committee, also hosted a timely, online student symposium, titled "Reconciling Cities with Nature in the Post Covid Era: Landscape Approaches and Strategies".



## Looking Ahead with The Second Five-Year Plan

The program's second five-year plan will feature a number of enhancements in 2023 and beyond:

- A shared curriculum initiative being launched to develop a hybrid course for core education
- The establishment or planning of several working groups to build video libraries
- The submission of case studies by authors of the SCL Routledge handbook



## Global Efforts to Tackle Climate Change

Following the success of the 2021 series, the APRU SCL program held the last three webinar sessions in 2022 with topics around urban biodiversity, intertidal zone, and climate actions for renewable energy transitions, while a new Urban Landscape Biodiversity working group was also set up to foster future exchanges on the topic.

## Collaboration with the Asia-Pacific Mayors Academy

Experts from APRU members teamed up with the Asia-Pacific Mayors Academy to develop a research project under the cross-institute collaboration, which began in 2019. The project aims to increase community leaders' sustainability competencies by providing them with cross-disciplinary learning opportunities. It also aims to help local decision-makers align their goals in sustainability development with their global counterparts. It was very encouraging to see how the SCL 2022 engaged over 80 in-person participants plus more than 20 online participants across Asia, North America, South America, and Australasia, with the shared aim of highlighting the importance of sustainability to the Pacific Rim as well to the globe

> Prof. Michael Bruno Provost, University of Hawai'i at Mānoa

## **Participating Universities**

- National Taiwan University
- National Tsing Hua University
- National University of Singapore
- Seoul National University
- Simon Fraser University
- The University of Auckland
- The University of Hong Kong
- Tohoku University
- Tsinghua University
- University of California, Los Angeles
- Universidad San Francisco de Quito

- Universitas Indonesia
- University of Hawai'i at Mānoa
- University of Oregon
- University of Washington
- University of Southern California
- Arizona State University
- Konkuk University
- National Cheng Kung UniversitySingapore Institute of
- Technology and DesignThe University of Tokyo
- University of Otago



## 2.4

Promoting Diversity, Equity and Inclusion

## Advancing Gender Equity through Empowerment

Through 1-to-1 mentorship, seminars, sharing sessions, and informal networking, the APRU Asia Pacific Women in Leadership Program (APWiL) offers leaders (women and men) at APRU universities an opportunity to grow the pipeline of aspiring women leaders, to increase awareness of challenges that aspiring women leaders face within the region, and to introduce global and intercultural dimensions to leaders across the APRU network and beyond.

Women are invaluable assets to the nations and communities we represent and mentoring is necessary to ensure that you know we are well equipped and well prepared to assume leadership positions in our respective institutions

### Prof. Yvonne Lim Ai Lian

Professor of Parasitology at Universiti Malaya, and APWiL Co-Chair

### **Host Universities**

- Universiti Malaya
- University of California, Davis
- The Hong Kong University of Science and Technology

## **Co-Chaired By**

- Prof. Joanna Regulska Vice Provost and Dean, Global Affairs, and Professor of Gender, Sexuality and Women's Studies, UC Davis
- Prof. Yvonne Lim Ai Lian Associate Vice-Chancellor (Global Engagement), Universiti Malaya (term began on 1 September, 2022)
- Dr. Sabrina Lin Senior Advisor to the HKUST President (term from March 2019 to October 2022)

## **New Co-chair**

In 2022, APWiL confirmed its new cochair, Prof. Yvonne Lim Ai Lian, who commenced her appointment on 1 September, taking over leadership from Dr. Sabrina Lin, The Hong Kong University of Science and Technology, who led the program for three years. Prof. Lim now chairs the program together with Prof. Joanna Regulska.

## Cohorts

During 2022, APWiL successfully concluded the second Cohort of its mentoring program with a virtual graduation ceremony involving 87 mentors and mentees. It also welcomed the third Cohort, which engaged 94 participants (mentors and mentees) from 24 APRU institutions.

### **International Women's Day**

Three academic leaders shared their experiences in initiating changes in higher education on International Women's Day 2022, a global day celebrating the social, economic, cultural and political achievements of women. The speakers were Prof. Karima Bennoune of UC Davis, Prof. Chiapei Chou of National Taiwan University, and Dr. Marian Mahat of The University of Melbourne.

## **Media Spotlight**

"Pandemic has shone a glaring light on disparities old and new": Prof. Regulska and Dr. Lin, APWiL co-chairs, published an opinion piece on Nikkei Asia on 11 February, 2022 explaining the adverse impact COVID-19 had brought to women's careers in academia. APRU member institutions about the challenges we face, but more importantly, by the opportunity to engage in an intercultural and collective effort to support women's leadership in our institution

## Prof. Joanna Regulska

Vice Provost and Dean of Global Affairs at the University of California, Davis, and APWiL Co-Chair



## Participating Universities in 2<sup>nd</sup> Cohort

- Keio University
- Korea University
- Kyushu University
- Monash University
- Nanyang Technological University, Singapore
- National Taiwan University
- National University of Singapore
- Osaka University
- Tecnológico de Monterrey
- The Australian National
   University
- The Chinese University
   of Hong Kong
- The Hong Kong University of Science and Technology
- The University of British Columbia

- The University of Melbourne
- The University of Sydney
- Tohoku University
- Universidad San
- Francisco de Quito • Universiti Malaya
- University of California,
- Davis

  University of California,
  Los Angeles
- University of California, Riverside
- University of California, Santa Barbara
- University of Hawai'i at Mānoa
- University of OregonUniversity of the
- Philippines
- UNSW Sydney

## Participating Universities in 3rd Cohort

- Keio University
- Korea University
- Kyushu University
- Monash University
- Nagoya University
- Nanyang Technological University, Singapore
- National University of Singapore
- Osaka University
- Tecnológico de Monterrey
- The Australian National University
- The Chinese University
   of Hong Kong
- The University of Auckland
- The University of Sydney

- Universiti Malaya
- University of California, Davis
- University of California, Riverside
- University of California, San Diego
- University of California, Santa Barbara
- University of California, Santa Cruz
- University of Hawai'i at Mānoa
- University of Oregon
- University of Southern California
- University of the Philippines
- UNSW Sydney

## **Connecting Indigenous Knowledges Across the Pacific**

The Indigenous Knowledges Working Group aims to bring together the work of APRU members in multilateral collaborations to share knowledge, build connections between researchers, and enhance teaching programs in indigenous and First Nations studies.

We are also building on the knowledge from our indigenous peoples by sharing our experiences in preserving language, education, cultural diversity, and identity among our Indigenous communities and within our institutions

> **Prof. Inés Sáenz** Vice President of Inclusion, Social Impact, and Sustainability at Tecnológico de Monterrey



## **Events**

- Dialog surrounding Indigenous Knowledges within the Pacific Rim: Living Cultures and World Heritage
- Asia-Pacific Indigenous Studies
   Seminar Series

## First-ever APRU Indigenous Knowledges Meeting

In 2022, led by **The University of Melbourne** and **Tecnológico de Monterrey**, the working group brought together APRU members to foster multinational collaborations. Twentyfour representatives from seven APRU member universities met faceto-face in Chiapas, Mexico – home to 68 Indigenous communities and 12 indigenous languages – for the inaugural workshop, entitled "Dialog surrounding **Indigenous Knowledges** within the Pacific Rim: Living Cultures and World Heritage."

Each institution led a session which focused on the strategies to practice and promote comparative research and teaching in Indigenous studies at their respective institutions. These sessions offered insights into the challenges that Indigenous staff and students face when participating in international experiences. The participants also immersed themselves in Mexican culture and traditions during the workshop, as well as each participant's practice and belief.



This workshop is an example of APRU at its best, demonstrating how the Pacific Ocean is something that unites us rather than sets us apart ... the foundation is now set to enable us to pursue these collaborations productively in the future

### **Prof. Adrian Little**

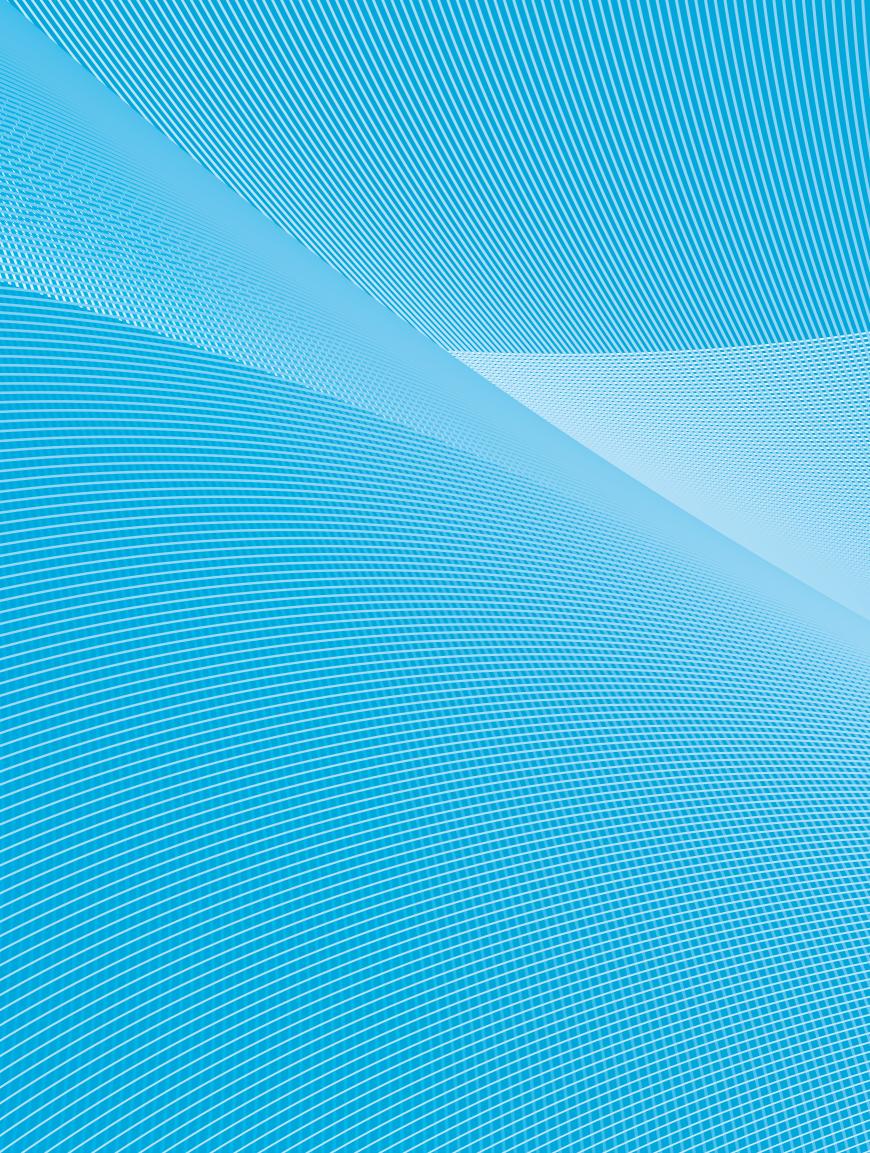
Pro Vice Chancellor (International) at The University of Melbourne

### **Cross-cultural Indigenous Studies Seminar Series**

The series provided a forum for researchers committed to working with, and for, the Indigenous peoples and communities to share information about their ongoing projects. APRU hosted discussions from Indigenous scholars working in various academic fields and contexts with 149 participants; it also introduced projects in areas such as Indigenousled methodologies, the revitalization of Indigenous languages, and place-based research, teaching, and learning.

### **Participating Universities**

- Simon Fraser University
- The University of Auckland
- University of Hawai'i at Mānoa
- Tecnológico de Monterrey
- The University of Melbourne
- University of Oregon
- University of the Philippines
- Universidad San Francisco de Quito





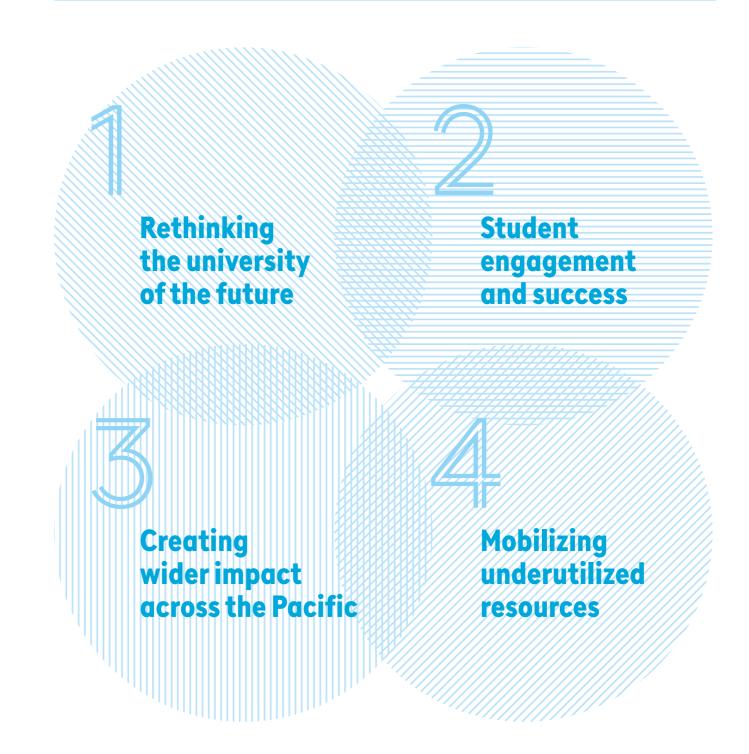
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# APRU in 2023

# Exploring new strategic areas

APRU is more than a superconnector across the vast Pacific Rim with its 60 members — it is a super-translator: It translates between different mentalities, cultures, and institutional interests. More importantly, it translates ideas into action.

In a world dramatically transformed from when APRU was established in 1997, the network is tasked with building a coherent and proactive strategy that will continue to empower higher education, the member universities that we represent and, in particular, their two million students. For this reason, we are embarking on an improved value proposition that will also lead to increased connectivity across the network. It comprises four constituent parts:



For a network that brings leading research universities of the Asia-Pacific together, it is paramount that we collaboratively lead the debate about and rethink the future roles of the research university — from innovative ways to educate that allow students to be successful in the labor market of the future, to ideas that will make the structures of institutions nimble enough to adapt to future needs. We aspire to engage students in research and collaborative education and create professional pathways after graduation. We also aim to make a broader and more tangible impact across the Pacific around the region's major challenges.

In support of these goals, we will mobilize underutilized resources of our member universities to deliver on APRU's mission for the communities we represent and serve — as a force of education and innovation.

3

# Programs at a Glance



# Share the Virtual Student Exchange Program with Your Students

Universities worldwide have adopted technology in their teaching to enhance the learning experience for students. Now, more than ever, digital technology is utilized to support international education. Assisted by the latest technologies and platforms, the APRU Virtual Student Exchange Program 2023 offers students in the APRU network an immersive learning opportunity to connect with peers from around the world, during which they can take academic courses and participate in international co-curricular programs without leaving home, and develop connections vital for success in the 21<sup>st</sup> Century.

# **Key Activities**

- Academic Courses
- Co-curricular Programs
- SDG Education for Global Citizenship
- Earth Day 2023

### **Host University**

• The Chinese University of Hong Kong

### **Participating Universities**

- Chulalongkorn University
- Far Eastern Federal University
- Keio University
- Korea University
- Kyushu University
- Nagoya University
- Nanjing University
- Nanyang Technological University, Singapore
  POSTECH
- Shanghai Jiao Tong University
- The Hong Kong University of Science and Technology
- The University of Auckland
- The University of Hong Kong
- The University of Sydney
- Tohoku University
- Tsinghua University
- Universidad de Chile
- Universitas Indonesia
- University of California, Santa Cruz
- University of Science and Technology of China
- UNSW Sydney
- Waseda University
- Xi'an Jiaotong UniversityYonsei University
- Zhejiang University



# Invitation to Join: Asia Pacific Women in Leadership Program

Gender equity has a positive impact on economic growth, social well-being, and in addressing demographic challenges. APRU members are committed to promoting gender equity in universities through various initiatives. The Asia Pacific Women in Leadership Program (APWiL) aims to drive change by providing a stage for leaders to grow the pipeline of aspiring women leaders and to introduce the global and intercultural dimensions of gender equity to leaders across the APRU network and beyond.

#### **Key Activities**

- APWiL Mentoring Program: one-on-one mentorship to identify professional development goals, learn about successful strategies used by APRU senior leaders, and develop a personal assessment and plans for future leadership
- Virtual workshops: resource sharing, professional training, and international exchange
- Informal networking: unique opportunities to connect emerging female leaders with senior leaders at APRU

#### **Host Universities**

- Universiti Malaya
- University of California, Davis

#### Led by

- Prof. Yvonne Lim Ai Lian, Universiti Malaya
- Prof. Joanna Regulska, University of California. Davis
- Dr. Sabrina Lin, The Hong Kong University of Science and Technology (Co-chair from June 2018 to October 2022)

#### **Core Group Leaders**

- Prof. Akiyo Okuda, Keio University
- Prof. Junko Kimura, Osaka University
- Prof. Inés Sáenz Negrete, Tecnológico
- de MonterreyProf. Mai Har Sham, The Chinese University of Hong Kong
- Prof. Derlie Mateo-Babiano, The University
   of Melbourne
- Prof. Katherine Belov, The University of Sydney
- Prof. Yong Zulina Zubairi, Universiti Malaya
- Dr. Suat Yan Lai, Universiti Malaya
- Prof. Cindy Fan, University of California, Los Angeles
- Prof. Denise Konan, University of Hawai'i at Mānoa
- Dr. Marby Villaceran, University of the Philippines
  Prof. Ximena M. Córdova, Universidad San
- Francisco de Quito
- APRU Secretariat Representative

#### **APWiL Coordinators**

- Chelsey Hawes, APWiL Mentoring
   Program Manager
- Kimberly Bellows, APWiL Mentoring Program Manager



# Get Involved: Indigenous Knowledges Working Group

Indigenous knowledge plays a crucial role in wideranging topics, from climate change and language preservation, to education and cultural diversity. The Indigenous Knowledges Working Group gathers the work of universities across the Pacific Rim to pave the way for collaborations among researchers, and enhance teaching programs in Indigenous and First Nations studies.

# **Key Activities**

- Dialog surrounding Indigenous Knowledges within the Pacific Rim: Living Cultures and World Heritage
- Asia-Pacific Indigenous Studies Seminar Series

#### **Host University**

• The University of Melbourne

#### **Key Partners**

- Technológico de Monterrey
- The University of Auckland

#### **Participating Experts**

- Dr. Eldon Yellowhorn, Simon Fraser University
- Dr. Inés Saenz, Tecnológico de Monterrey
- Dr. José Manuel Paéz, Tecnológico de Monterrey
- Ms. Debs McAllister, The University of Auckland Prof. Linda Nikora, The University of Auckland
- Prot. Linda Nikora, The University of J
   Ms. Fay Alikalani, The University of British Columbia
- Prof. Adrian Little, The University of MelbourneProf. Bronwyn Fredericks, The University
- of Queensland • Prof. David Romo, Universidad San Francisco de Quito
- Prof. Yvonne Lim Ai Lian, Universiti Malaya
- Dr. Welyne Jeffrey Jehom, Universiti Malaya
- Dr. Patricia Nora Anak Riget, Universiti Malaya
- Dr. Andy Sutton, University of Hawai'i at Mānoa
- Dr. Noelani Puniwai, University of Hawai'i at Mānoa
- Dr. Jonathan Osorio, University of Hawai'i at Mānoa
- Prof. Brian Klopotek, University of Oregon
   Prof. Raymundo Rovillos, University of the Philippines
- Dr. Jessica Bissett Perea, University of California, Davis



# Call for Participation: APRU's Sustainable Cities & Landscapes Program

While cities occupy about 3% of land globally, they consume about 75% of global primary energy, and account for over 70% of  $CO_2$  emissions. In the face of unprecedented population growth and climate change, the APRU Sustainable Cities & Landscapes Program seeks to inspire conversations on better understanding and managing the interconnection between cities and their surrounding ecology. It also opens possibilities for cross-disciplinary collaborations to solve challenges that transcend city and country boundaries.

#### **Key Activities**

- 11 Sustainable Cities & Landscapes working groups
- APRU Sustainable Cities & Landscapes Live Webinar 2022
- APRU Global Sustainability Course: Waste & The City 2022 and 2023
- Asia Pacific Mayors Academy for Sustainable Urban Development 2022–2023
- APRU Student Climate Change Simulation 2022 and 2023
- Sustainable Cities & Landscapes Annual Conference 2022 and 2023

#### **Host University**

• University of Oregon

#### **Program Lead**

- Prof. Bart Johnson, Chair, University of Oregon
- Prof. Yekang Ko, Program Director, University
   of Oregon

#### **Steering Committee Members**

- · Prof. Chingwen Cheng, Arizona State University
- Prof. Jinhyun Chon, Korea University
- Prof. Hongyang Wang, Nanjing University
- Prof. Chun-Yen Chang, National Taiwan University
- Prof. Yun Hye Hwang, National University
   of Singapore
- Prof. Fei Mo, Shanghai Jiao Tong University
- Prof. Andréanne Doyon, Simon Fraser University
- Prof. Roberto Ponce Lopez, Tecnológico de Monterrey
- Dr. Robert Dyball, The Australian National University
- Prof. Paola Boarin, The University of Auckland
- Prof. Natalia Echeverri, The University of Hong Kong
- Prof. Yong Guo, Tsinghua University
- Prof. Beatriz Maturana Cossio, Universidad de Chile
- Prof. Ximena Córdova Vallejo, Universidad San Francisco de Quito
- Prof. John Alejandro Dunn Insúa, Universidad San Francisco de Quito
- Prof. Mohammed Ali Berawi, Universitas Indonesia
- Prof. Makena Coffman, University of Hawai'i at Mānoa
- Prof. Dennis Galvan, University of Oregon
- Prof. Yizhao Yang, University of Oregon
- Prof. Jennifer Amparo, University of the Philippines
- Prof. Armin Sarthou, Jr., University of the Philippines
- Prof. Jeff Hou, University of Washington
- Prof. Nancy Rottle, University of Washington
- Prof. Anne Taufen, University of Washington
- Prof. Catherine Evans, UNSW Sydney
- APRU Secretariat Representative



# Be a Part of APRU's Sustainable Waste Management Program

Building a greener and more sustainable future for communities, cities, and economies has become increasingly important, and it goes hand in hand with the development of sustainable waste management strategies. The APRU Sustainable Waste Management Program provides a timely opportunity for professionals from the Pacific Rim and beyond to exchange knowledge and experience on the matter. Scholars and experts gather to discuss ways of formulating an efficient sustainable management agenda, while paving the way towards circular economy, land reclamation, and water and wastewater treatments.

# **Key Activities**

- APRU SWM Forum: New ESG Perspectives in Plastic Pollution – Governance, Business Models and Tourism 2022
- APRU Global Sustainability Course: Waste & The City 2022 and 2023

### **Host University**

• Korea University

#### **Program Lead**

- Prof. Yong Sik Ok, Chair and Program Director, Korea University
- Prof. David Wardle, Co-Chair, Nanyang Technological University, Singapore
- Prof. William Mitch, Co-Chair, Stanford University

#### **Steering Committee Members**

- Prof. Sutha Khaodhiar, Chulalongkorn University
- Prof. Shicheng Zhang, Fudan University
- Prof. Cheng Gu, Nanjing University
- Prof. Chia-Hung Hou, National Taiwan University
  Prof. Chi-Hwa Wang, National University
- Prof. Chi-Hwa of Singapore
- Prof. Longbin Huang, The University of Queensland
- Prof. Ali Abbas, The University of Sydney
- Prof. Xiaonan Wang, Tsinghua University
- APRU Secretariat Representative



# Build Stronger Communities with APRU Multi-Hazards Program

Asia-Pacific experiences 40% of the world's natural disaster events and 90% of the world's earthquakes, with the number of adversities likely to increase in the next decades due to climate change. Cross-border collaborative efforts are therefore urgently needed to prevent climaterelated hazards from destroying the lives and livelihoods of millions of people and vulnerable communities in the region. The APRU Multi-Hazards Program aims to enable policymakers, university leaders, and scholars to share lessons learned and cutting-edge research to help society better understand risks and minimize losses.

# **Key Activities**

- Multi-Hazards Webinar Series 2022
  - + Looking Ahead to the  $2^{\rm nd}$  Decade of Recovery After the GEJET
  - Safety and Resilience of Higher Educational Institutions: Considerations for a Post-COVID-19 Pandemic
- ArcDR3 Exhibition and Forum
- 2022 APRU Multi-Hazards Summer Lecture Series
   Interdisciplinary disaster risk reduction
  - research and actions in Japan
  - Disaster risk management initiatives in various sectors and fields
- Safety and Resilience of Higher Educational Institutions: Considerations for a Post-COVID-19 Pandemic Analysis published by Springer
- APRU-IRIDeS Multi-Hazards Symposium 2022 and 2023
- APRU Multi-Hazards Workshop 2023
- APRU Multi-Hazards Webinar Series 2023
  - 2023 Turkey-Syria Earthquakes

#### **Host University**

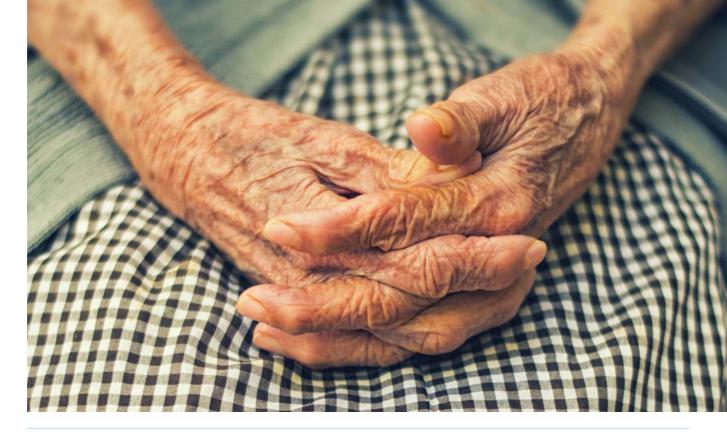
• Tohoku University

#### **Program Leads**

- Prof. Osamu Murao, Program Chair, Tohoku University
- Prof. Takako Izumi, Program Director, Tohoku University

#### **Core Group Members**

- Prof. Supot Teachavorasinskun, Chulalongkorn University
- Prof. Hung Chi Kuo, National Taiwan University
- Prof. Fumihiko Imamura, Tohoku University
- Prof. Hui Zhang, Tsinghua University
- Prof. Hugo Romero, Universidad de Chile
- Prof. John Rundle, University of California, Davis
- Prof. Denise Konan, University of Hawai'i at Mānoa
   Prof. Benito M. Pacheco, University of the Philippines
- Prof. Lalith Wijerathne, The University of Tokyo
- Prof. Kuniyoshi Takeuchi, Yamanashi University
- APRU Secretariat Representative



# Learn about the Significance of Population Aging with APRU

The impacts of an aging population present a number of challenges for sustained economic growth in the region, giving rise to the needs to address shrinking workforces, transforming healthcare services, and the increasing demands on public spending and social security. The APRU Population Aging Program creates a platform that enables researchers and experts to come together to discuss the impacts on society and propose solutions for potential challenges.

# **Key Activities**

- APRU Population Aging Conference 2022
  Nikkei-METI International Forum on the Super
- NIKKei-METLINternational Forum on the Super Aging Challenge 2022

### **Host University**

• National University of Singapore

### **Program Lead**

 Prof. Angelique Chan, Program Chair and Director, National University of Singapore

#### Steering Committee Members

- Prof. Jin Nakahara, Keio University
- Prof. Gong Chen, Peking University
- Prof. Lan Liu, Peking University
- Prof. Stuart Gietel-Basten, The Hong Kong University of Science and Technology
- Prof. Peter McDonald, The University of Melbourne
- Prof. Robert Cumming, The University of Sydney
- Dr. Indri Hapsari Susilowati, Universitas IndonesiaProf. Eileen Crimmins, University of
- Southern California
- Prof. John Piggott, UNSW Sydney
- Prof. Ka Lin, Zhejiang University
- APRU Secretariat Representative



# Build Your Capacity to Better Protect Our Biodiversity

Rapid economic development and climate change have brought a significant impact on the biodiversity of Asia-Pacific, home to a substantial proportion of the world's nine million species. The APRU Biodiversity Program aims to be a multicountry, multi-discipline, and multi-institution platform to inspire partnerships and collaborations on addressing biodiversity loss, protecting ecosystems, and combating climate change.

# **Key Activities**

- Capacity-building workshops for undergraduate and postgraduate students 2023
- Postgraduate summer courses 2023
- Student competitions
- Inaugural Annual Conference 2023/2024

### **Host Universities**

- The Chinese University of Hong Kong
- The University of Sydney

### **Program Co-Chairs**

- Prof. Jerome Hui, The Chinese University of Hong Kong
- Prof. Nathan Lo, The University of Sydney

### **Advisory Group Members**

- Prof. Somsak Panha, Chulalongkorn University
- Prof. Peter Preiser, Nanyang Technological University, Singapore
   Prof. Hsiao Wei Yuan, National University
- Prof. Hsiao wei Yuan, National University
   of Taiwan
- Prof. Tien Ming Lee, Sun Yat-sen University
   Prof. Alan Chan, The Chinese University of
- Hong KongProf. Kathy Belov, The University of Sydney
- Prof. Silvia Restrepo, Universidad de los Andes
- Prof. Subha Bhassu, Universiti Malaya
- Prof. Harris Lewin, University of California, Davis
- Prof. Joanna M. Regulska, University of California, Davis
- Prof. Hayden Galves, University of the Philippines
- APRU Secretariat Representative



# Help to Build Global Health Resilience

The pandemic has highlighted the importance of a robust global health system that can enable economies worldwide to build more sustainable societies, and to effectively prepare for public health emergencies. The APRU Global Health Program aims to facilitate collaborations between government, institutions, and partners to bridge health gaps, promote and protect population health, and meet shared health challenges.

# **Key Activities**

- APRU Global Health Working Group Webinar Series 2022
- APRU Virtual Global Health Case Competition
  2022 and 2023
- Mini Certificate Program in Health Research Ethics 2022 and 2023
- APRU Student Global Climate Change Simulation 2022 and 2023
- Global Health Leadership and Global Health Ethics Courses 2022 and 2023
- APRU Global Health Conference 2023

# **Host University**

• University of Southern California

### **Program Leads**

- Prof. Sofia Gruskin, Program Chair, University of Southern California
- Prof. Mellissa Withers, Program Director, University of Southern California

# **Advisory Group Members**

- Prof. Taninee Sahakitrungruang,
- Chulalongkorn University
- Prof. PinPin Zheng, Fudan University
- Prof. Juhwan Oh, Seoul National University
  Prof. Manuel Pérez Jiménez, Tecnológico de Monterrey
- Prof. Martin CS Wong, The Chinese University of Hong Kong
- Prof. King Chow, The Hong Kong University of Science and Technology
- Prof. Judith McCool, The University of Auckland
  Prof. Mu Li, The University of Sydney
- Prof. Masamine Jimba, The University of Tokyo
- Prof. Budi Haryanto, Universitas Indonesia
- Prof. Sanjay Rampal, Universiti Malaya
- Prof. Erlinda Castro Palaganas, University of the Philippines
- APRU Secretariat Representative



# Spotlight Event: Vice Presidents for Research Meeting 2024

The APRU Vice Presidents for Research Meetings (VPRM) seeks to promote transformative collaboration, discovery, and innovation by gathering university leadership for strategic research and administration across the Pacific Rim. The program aims to build a sustainable and thriving culture of cooperation across the network, especially in research-intensive universities in the region. Critical issues will range from policies and funding, to technological transfer and enterprise.

### Host University

• University of Science and Technology of China

#### Theme

 Collaborative Research for A Better Human Future

#### **Reference Group**

- Prof. Chakkaphan Sutthirat, Vice President for Research Affairs, Chulalongkorn University
- Prof. Peter Preiser, Associate Vice President (Biomedical and Life Sciences), Nanyang Technological University, Singapore
- Prof. Arturo Molina, Vice Rector of Research & Technology Transfer, Tecnólogico de Monterrey
- Prof. Mai-Har Sham, Pro-Vice-Chancellor and Vice-President, The Chinese University of Hong Kong
- Prof. Gail Murphy, Vice-President Research & Innovation, The University of British Columbia
- Prof. Katherine Belov, Pro-Vice-Chancellor, Global & Research Engagement, The University of Sydney
- Prof. Ishwar Puri, Interim Vice President of Research, University of Southern California
- Prof. Carla Dimalanta, Assistant Vice President for Academic Affairs (Research), University of the Philippines



# Become a Future Changemaker at APRU's Undergraduate Leaders' Program

The Undergraduate Leaders' Program (ULP) supports emerging undergraduate leaders in becoming real-world changemakers by driving awareness, action, and change, supporting them in their academic and personal goals along the way. The program is designed to offer participants unique multicultural experiences, and equip them with the skills to contribute to positive change for the betterment of societies.

Host University
The Chinese University of Hong Kong

**Date** 25 June – 6 July, 2023 The APRU ULP 2023, set to take place in Hong Kong, will focus on United Nations Sustainable Development Goals (UN SDGs) - SDG 11 Sustainable Cities and Communities. It prepares students to become future changemakers of sustainable, safe, resilient, and inclusive cities and economies worldwide. Themed "Leadership for Sustainable Cities Development", this year's ULP will empower undergraduate students to understand the interconnection between human activity, resource use, biodiversity protection, decarbonization, and the interdependence between cities, and how these are essential to achieving the UN SDGs.

Using case studies from Hong Kong, students will learn to apply design thinking principles to develop innovative and human-centered solutions for complex sustainability issues. The program will provide students with insights and hands-on experience from social, public, and business sectors with a global vision in solving urban and sustainability challenges that transcend city and country boundaries in the Pacific Rim.

# **The APRU Team**

The Secretariat is responsible for supporting the coordination, facilitation, and liaison of APRU activities and programs.

Headquartered in Hong Kong at the International University Centre, Cyberport, the Secretariat works with APRU members to set the organization's agenda and ensure it fulfills its mission.

### **Secretariat Team in Hong Kong**

#### Leadership



**Operations** 

Sherman S. Cheng

Chief Financial Officer

Ellen Yau

Senior Administrative

and Finance Officer

Prof. Thomas Schneider Chief Executive (From January 2023)



Dr. Christopher Tremewan Secretary General (Until January 2023)

# **Strategy and Programs**



Tina T. Y. Lin Program Manager (until May 2023)



Adriana Rojas Senior Director, Networks and Students Programs (from June 2022)



Anya Wong Program Officer (until December 2022)

David Quimbayo Program Officer (from March 2023)



Christina Maria Schönleber Chief Strategy Officer





Eric Chu Executive Manager





Elaine W. Hung Director, Events and Relations



Jack Ng Director, Communications (until April 2023)



Jackie Agnello Wong Director, Network Management

# **Affiliated Program Leaders**



Kimberly Bellows Program Manager, APWiL Mentoring Program, University of California, Davis



Prof. Angelique Chan Chair and Program Director, Population Aging Program, National University of Singapore



Chelsey Hawes Program Manager, APWiL Mentoring Program, University of California, Davis



Prof. Jerome Hui Program Co-Director, Biodiversity Program, The Chinese University o Hong Kong



Prof. Takako Izumi Program Director, Multi-Hazards Program, Tohoku University



Prof. Yekang Ko Program Director, Sustainable Cities & Landscapes Program, University of Oregon



### **Contact Us**

Feel free to contact the APRU International Secretariat with suggestions, initiatives or enquiries:

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Prof. Nathan Lo Program Co-Director, Biodiversity Program, The University of Sydney



Prof. Yong Sik Ok Chair and Program Director, Sustainable Waste Management Program, Korea University



Prof. Mellissa Wither Program Director, Global Health Program, University of Southern California

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