

## NATIONAL RESEARCH COUNCIL OF THE PHILIPPINES

The center for basic research in the Philippines is vested in the National Research Council of the Philippines (NRCP), a collegial body of highly trained scientists/researchers, cohesively addressing the growing demands for knowledge, skills, and innovations, sharing expertise with all sectors of society and effectively and efficiently contributing to the country's development and to the improvement of quality of life for its people.

It is committed to promote and support basic and problem-oriented researches, particularly the inter/multidisciplinary in the sciences as well as in the humanities, to identify and provide solutions to national issues and problems. It also aims to develop value-adding technologies and approaches, and to recommend policies for more effective governance, particularly in areas involving science and technology.

## SCIENCE COUNCIL OF ASIA

The Science Council of Asia (SCA) is an international scientific organization founded in 2000 by members of the Asian Conference on Scientific Cooperation (ACSC) and whose Conferences were hosted by the Science Council of Japan (SCJ) from 1993-2000.

The SCA aims to provide a collaborative platform for promoting scientific exchange and intellectual cooperation in Asia, for developing and promoting a holistic vision (encompassing the sciences, humanities, social sciences, and cultures), and for focusing on sustainable development and improvement in the quality of life in the region.

From the ten member countries of the first Asian conference, the SCA is now composed of 31 scientific organizations from 18 countries/region, namely, Bangladesh, Cambodia, China, China: Taipei, India, Indonesia, Japan, The Republic Of Korea, Malaysia, Mongolia, Myanmar, Nepal, Pakistan, The Philippines, Singapore, Sri Lanka, Thailand, and Vietnam. As the SCJ provides the Secretariat for SCA, the host countries for the annual Conferences are rotated among member countries.

## SCIENCE COUNCIL OF JAPAN

The Science Council of Japan (SCJ) is the representative organization of the Japanese scientific community ranging over all fields of sciences subsuming the humanities, social sciences, life sciences, natural sciences, and engineering. The SCJ has undertaken wide-ranging international activities, including the so-called Future Earth initiative, which is an international science endeavour to achieve a transition to global sustainability. Not only does the SCJ constitute one of the Global Hubs of Future Earth, it also provides various science advice in order to stimulate social innovation through the application of science, such as the implementation of the Sustainable Development Goals. Moreover, the SCJ strongly helps support young scientists by establishing the Young Academy of Japan.

## IMPORTANT DATES

16 January 2017

Last Day for the Submission of Abstracts

20 February 2017

Notification of Acceptance of Paper

15 March 2017

Last Day of Registration of Presenting Authors

15 April 2017

Last Day of Submission of Full Papers

## REGISTRATION FEES

NRCP Members	PHP 2,000
Non-NRCP Members	PHP 3,500
Foreign Participants	USD 350

## CONTACT INFORMATION:

NRCP Secretariat

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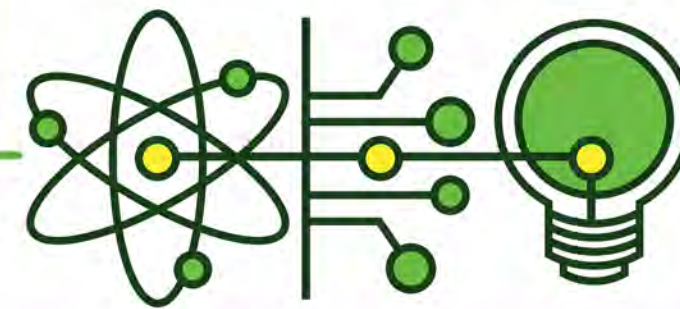
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## 17<sup>th</sup> Conference of the Science Council of Asia

AN INVITATION



## SCIENCE, TECHNOLOGY, and INNOVATION FOR INCLUSIVE DEVELOPMENT

June 14-16, 2017

Philippine International Convention Center  
Roxas Boulevard, Pasay City, Philippines

Organized by:





# CALL FOR PAPERS

17<sup>th</sup> Conference of the Science Council of Asia  
June 14-16, 2017  
Philippine International Convention Center  
Roxas Boulevard, Pasay City, Philippines

The 17<sup>th</sup> SCA Conference in Manila will feature renowned keynote and plenary speakers. It will also involve parallel symposia and poster presentations on the various areas of science, technology, research, and innovation.

## CONFERENCE THEME

### SCIENCE, TECHNOLOGY, and INNOVATION FOR INCLUSIVE DEVELOPMENT

Science, technology, and innovation, in creative collaboration, can become the key driver of economic productivity and intellectual advancement in various countries, just as cutting edge ideas, artistic productions, and technologies can produce transformative changes and meaningful applications in the people's lives.

This conference looks forward to the interactions among scientists, artists, intellectuals, academicians, scholars, and researchers sharing and discussing various facets of their studies towards the enrichment of life in the region. Encouraged are multidisciplinary and transdisciplinary topics that promote dialogues among stakeholders, participation among policy and management sectors, as well as their special consideration of the marginalized and oppressed, and of gender and equity issues.

Participants are welcome to submit 200-250 word abstracts of original unpublished papers focused on specific topics under any of the six thematic strands. Submission of abstracts is through email [abstracts@sca2017manila.ph](mailto:abstracts@sca2017manila.ph). The submitted abstracts will be reviewed by a panel of evaluators, and the authors of accepted papers will be notified not later than **20 February 2017**. Presenting authors must be officially registered not later than **15 March 2017**. Non-registration of presenting author, would mean noninclusion of the paper in the Programme and Book of Abstracts.

## CONFERENCE SECTIONS AND STRANDS

### 1. Re-engineering Research (in the Humanities, Social Sciences, and Governance and Education) Towards Inclusive Growth

- a. Various cultures, various idioms/metaphors
- b. Crossing cultural borders
- c. Various indigenous life ways, traditions, arts, and cultures
- d. Concrete and positive action towards our unity as a people, as a nation, as a region
- e. The cultural integrity and the rights of cultural minorities
- f. An inclusive national/ regional development paradigm
- g. The creation of national/regional innovation agency

### 2. Eco-environmental studies and Ecological Engineering

- a. Environmental restoration (solid and liquid waste treatment innovations, bioremediation, innovations in pollution monitoring and control, etc.)
- b. Renewable energy researches
- c. Resource management (rainwater harvesting, waste water treatment, soil conservation, etc.)
- d. Climate change impacts and adaptation, and ecoenvironmental engineering for disaster resilience
- e. General topics on ecology and the environment
- f. Intelligent Systems for the environment and ecology

### 3. Human Health and Biotechnology

- a. Community Based telemedicine programs: current innovations and future direction
- b. Diagnostics and therapeutics innovations
- c. Infectious disease outbreak prediction models
- d. Universal healthcare and healthcare engineering
- e. Emerging antimicrobial resistance and the pace of antimicrobial research

### 4. One Health: Connecting Human, Animal, and Ecosystems Health

- a. Food, animals and antimicrobials and their impacts on human health and the environment
- b. Food and animal bio-safety standards and bio-security measures
- c. Human and livestock-derived microbes as threats to endangered species
- d. Animals as sentinels for emerging infectious diseases
- e. Disease risks for humans, crops, and animals amidst climate change
- f. Sustaining ecological landscapes and agricultural production systems for human and animal health
- g. Zoonoses and food safety

### 5. Gender Integration and Mainstreaming in S&T Innovations

- a. Gender-responsive technologies and innovations for inclusive development
- b. Gender differentials and gender issues in STEM disciplines
- c. Gender-based science research in climate change and environment, energy, biodiversity, agriculture and fisheries
- d. Women shaping the science agenda and policies for gender equity and empowerment

### 6. Disaster Risk Reduction of Natural Disasters caused by Climate Change, Earthquake, and Tsunami

- a. Global Warming Effects on Climate Change and Disaster Risk Reduction
- b. Earthquake Disaster Risk Reduction
- c. Tsunami Disaster Risk Reduction
- d. Typhoon Disaster Risk Reduction
- e. Prevention of Heat Strokes