ICSU and ICIAM

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May 7, 2016
Introduction
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ICSU = the International Council for Science; a non-governmental organisation with a global membership of national scientific bodies and international scientific unions

Refer to my article in Dianoia April issue of 2016 (Vol. 4, No.2)

Refer to http://www.icsu.org/about-icsu/about-us
Mission of ICSU (same as before)

To mobilize the knowledge and resources of the international science community toward the following items

- Identify and address major *issues of importance* to science and society

- Facilitate *interaction amongst scientists* across all disciplines and from all countries

- Promote the *participation* of all scientists — regardless of race, citizenship, language, political stance, or gender — in the international scientific endeavour

- Provide independent, authoritative advice to stimulate *constructive dialogue* between the scientific community and governments, civil society, and the private sector
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To mobilize the knowledge and resources of the international science community toward the following items:

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Aims of ICIAM have much overlap with those of ICSU

Math. and its apps. can underpin ICSU’s mission firmly
Our ICSU Committee

Under the officers, ICSU Committee was set up:

Alain Damlamian, Björn Engquist, Helge Holden, Rolf Jeltsch, Olavi Nevanlinna, Christiane Rousseau, Abdul Hasan Siddiqi

Co-chair: Barbara Keyfitz and T. Mitsui
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If you’re interested in, please ask me or Barbara
AIMS Workshop in May

AIMS (African Institute of Mathematical Sciences) hosts the International Workshop entitled by

*Global change impact on diseases and alien species expansion*

May 2 – 6 in Cape Town
Global change impact on diseases and alien species expansion
A capacity building workshop supported by
AIMS, Cape Town, May 2-6 2016

INTRODUCTION

This international, interdisciplinary, educational and capacity building workshop will bring together the two subjects of infectious diseases and invasives species in the context of climate change. It will include sharing the methods and building partnerships. The workshop will address the whole range of topics, from field work and collecting data to the building and validating of models, to the adjustment of models to take into account the changing environment and the social characteristics, and to the design and implementation of strategies to fight infectious diseases and invasives species. This will be done through lectures, practical training and round table discussions. Special emphasis will be put on African diseases and invasives species, as well as the characteristics of changing environment in Africa.

The workshop is mainly aimed at young researchers and postgraduate students, with a majority coming from Africa. International experts from around the world will give the minicourses and lectures and will lead the working groups. There will be a limited number of contributed talks and a poster session.

GOALS OF THE CONFERENCE

The main objectives of the workshop are to network communities coming from different backgrounds (biology, mathematical sciences, medicine, social sciences and global environment change) and different parts of the world, and having an interest in the study and control of epidemic diseases and invasives species, and to contribute to the training of young researchers.

An important feature of the workshop is its location in Africa, which unfortunately, is the centre of several pandemic diseases threatening not only the economy and social cohesion of the continent but also seriously affecting other parts of the world. Thus, central to the workshop is the participation of this new generation of young African scientists from different backgrounds, including doctoral students and female scientists, to expose them to modern cutting edge scientific techniques and methods in the field, to put them in contact with world leading experts in different relevant fields, and have them taking part in the interdisciplinary discussions.

This workshop, the first activity bringing together IUSS, IUBS, IUMS, ICSU, ESC, ecoHEALTH Alliance, the Future Earth, ICSU, and UNESCO is carrying the important objective of building a lasting collaboration and exchanging expertise in the different organizations.

MAIN THEMES

- Epidemic diseases in the context of changing environment
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AIMS = A pan-African network of centres of excellence for postgraduate education, research and outreach in mathematical sciences
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Supported by ICSU, which responded to the request by ours, IMU and other international scientific organizations
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AIMS Workshop in May (2)

Our another contribution to the workshop: Sending Mario Primicerio, former Officer-at-Large, as a member of its Scientific Committee
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Our successful example to contribute to ICSU together with IMU
Nominations asked by ICSU

ICSU often calls for nominations of scientist to its various bodies
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One example: IRDR (Integrated Research on Disaster Risk) Science Committee (SC):
Program to advance and promote new approaches to disaster risk reduction science
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SC members to mobilize existing research networks, stimulate the growth of new research alliances, and be committed to champion integrated approaches to research in their respective geographic and disciplinary domains
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ICSU Committee tried to find any appropriate colleague for IRDR SC together with IMU

Because we believe a mathematical approach should be significant for IRDR Program
Nominations asked by ICSU (2)

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To make mathematics and its applications more underpinning ICSU’s mission
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Thank you for your attention