

# **International Development Standing Committee**

## **Chair**

**Anindya Ganguli**

**India**

## **Co-Chairs**

**Paulo Antonio Barros Oliveira**

**Brazil**

**Latin America**

**Martin Rodriguez**

**Argentina**

**Latin America**

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**Nigeria**

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(with the collaboration of Prof. Paulo Antonio for African Portuguese Speaking countries)

**Liang Ma**

**China**

**Asia**

**Jennifer Guiterrez**

**Philippines**

**Asia**

## **Long-term Strategy**

The long-term strategy of the International Development Standing Committee continues to be guided by the two IEA overriding principles. Representation and Outreach activities to strengthen the presence of IEA and spread awareness of what high quality HFE entails.

1. The implementation of the IEA seven policies.
2. Development of a strategic framework for development as outlined and influenced by the strategies put in place by the International Development Standing Committee during the 2015-2018 term of office, in particular
  - Support for collaborative educational and research programs.
  - Support stakeholder identification and development.
  - Support for potential federated / affiliated societies.
  - Representation and Outreach activities to strengthen the presence of IEA and spread awareness of what high quality HFE entails.

## **Strategic Design**

The strategic design for implementation of the International Development Standing Committee is based on the Participatory Project Development Toolkit (P2DT), earlier known as the General Framework Model (GFM). Of particular importance is the emphasis placed within the toolkit on the identification of value-added topics, the identification and understanding of stakeholders relevant to the topic, and the development of project specifications according to strategies based on these issues.

## **Initiatives and Plans**

### **1. Training the Trainers**

In keeping with the framework of the long-term plans outlined above, the focus of the International Development Committee will continue to be on the development of ergonomics faculty in the developing nations with emphasis on:

- Local language
- Local conditions
- Integration into existing programmes

The thrust will be helping to develop curricula in synchronization with the IEA Core Competencies.

## **2. Stakeholder collaboration model**

Developing stakeholder collaborations in all areas of interest with the objective of creating awareness of HFE as a discipline and a need for HFE considerations and interventions will be a major thrust area. Apart from the primary stakeholders like universities, industry and Government, other important stakeholders include chambers of commerce and allied professional bodies such as physiotherapists, occupational health professionals, and national standards bodies.

The thrust will be on stakeholder collaboration – to create awareness and need for high quality HFE, primarily through representation and outreach activities.

## **3. Support to HFE Societies seeking IEA Affiliation / Federation**

Previous IEA reports have clearly highlighted the fact that low- and low-middle income countries are significantly under-represented in the IEA. To support the nascent HFE Societies (or Networks of HFE Societies) from these countries to seek and obtain Affiliated Member or Federated Member or Network status of the IEA will continue to be a primary strategic initiative.

### **Activities and Outcomes**

Specific activities and outcomes during the first year of the 2021-2024 International Development Committee with regard to the broad strategic initiatives and plans outlined above are reported below.

## **1. Collaborative Research & Educational Programme Development**

### Latin America – PhD Programme

- With IEA support initiated in 2013, the development of a PhD program in Colombia focused on HF/E as a collaboration between the National University of Bogotá and the University del Valle has come to a fruition and now forms a notable example for such collaborative HFE doctoral programmes in other parts of the world. IEA/ID support for this programme will continue in future.

### Collaborative Research programmes

- There is already a BRICS Plus University Network on HFE founded in Xiamen, China in 2017 with 7 universities: IIT Mumbai, NITIE, Tsinghua, Saint Petersburg, The Great State University, UFRJ, Wittwatersrand and Rhodes Universities. The objective is to develop similar university networks by region: Latin America, Africa, Asia, for example.

### Asia

- Benchmarking on the Ph.D. program developed in Latin America, meetings have been held with the IEA Strategic Development Chair, Professional Standards & Education Chair and Co-Chair, and International Development Chair and Co-Chairs. The idea is to develop the project using the P2DT model. A face-to-face meeting is planned in Patiala on the sidelines of the Indian HWWE 2022 conference there.

### Europe

- During the event organized by the Italian Railway Engineers Association in cooperation with the IEA on September 20, 2022, a Masters programme in HFE was launched according to the rules of the European Certification Body (CREE) and IEA 7 Policies.

## Africa

- Given the dearth of educational options in ergonomics across the African continent, particularly the lack of teaching capacity, one of the ways to build this capacity is to look at developing a cross-institution PhD programme in HFE for Africa. It is proposed to host a workshop with participants from across sub-Saharan Africa to discuss the development of such a programme. Ghana is in the very early stages of developing an ergonomics society and ErgoAfrica has been working towards this over the last two years. Holding this workshop in Ghana therefore has the dual purpose of discussing the PhD programme and helping Ghana develop capacity to establish an ergonomics society.

## 2. Representation and Outreach

- The School of Public Health of the Universidad del Valle, held a webinar with the theme: "Ergonomics and Human Factors EFH, Public Health and Counterhegemony" on November 17, 2021. The speakers included José Orlando Gomes, Yushi Fujita, Andrew Todd, Hakim Benchekroun, Carlos Andrés Fandiño Lozada, Karen Lange Morales-Gabriel García Acosta, Juan Carlos Velasquez Valencia, Kathleen Mosier, and Guillermo Castaño Arcila . The programme featured a debate and panel discussion by Maggie Graf, Alexander Thomas, Mario Vidal, Paulo Antonio Barros, Martin Rodriguez, Takeshi Ebara, and Anindya Ganguli.
- Anindya Ganguli addressed the members of the Hong Kong Ergonomics Society. Apart from members of the HKES, the talk was attended by ACED members including Alan Chan and Eric Wang.
- The Italian Railway Engineers Association in cooperation with Italian Ergonomics Society, Just Culture Italian Committee, and Marconi University, Italian Environment and Safety Association and IEA organized a conference on “Dissemination in the Context of the Railways” on September 20, 2022. José Orlando Gomes addressed the conference.
- The Bangladesh Ergonomics Society and the Indian Society of Ergonomics held a joint webinar on October 22, 2022. José Orlando Gomes and Anindya Ganguli addressed the webinar.
- A joint international conference of the BRICSplus HFE network, the 4<sup>th</sup> ACED triennial conference, and the 18<sup>th</sup> HWWE (Indian Society of Ergonomics) is planned in Mumbai in December 2023.

## 3. Support to nascent Ergonomics Societies to join IEA

- The Algerian Ergonomics Association is keen to become a federated member of the IEA. Correspondence is ongoing with Prof. H. Boudrifa, President of the AEA.
- A meeting of ULAERGO Presidents was held on August 6, 2022. Andrew Todd made a presentation to the heads of the ULAERGO member societies who were not part of the IEA on the requirements and modalities for application. José Orlando Gomes, Takeshi Ebara and Anindya Ganguli also spoke. The video recording of the meeting, along with an English synopsis, has been circulated to all federated societies to propagate the message among other aspiring societies in their region.
- A meeting was held with Prof. Mohd. Iqbal and Dr. A. Rashid, the President and Secretary of the Bangladesh Ergonomics Society (BES) to help apply for ACED and IEA membership. BES has already applied for ACED membership, and will apply for IEA membership soon.

- Similar efforts or on to encourage countries like Vietnam and Brunei to apply for IEA membership, and to establish contact with Iranian Ergonomics Society and the Sri Lanka Ergonomics Society.
- Ghana is in the very early stages of developing an ergonomics society and ErgoAfrica has been working with them over the last two years to help in this regard. It is proposed to hold a workshop in Ghana to help develop capacity to establish an ergonomics society and join IEA.

#### **Facilitating participation in conferences**

- The International Development Committee has been actively facilitating participation from low- and middle-income countries at international conferences free of cost. This was done in a big way at IEA 2021, and also at the CIEHF's International Conference EHF2022 on 11th and 12th April 2022. The ID Committee is interacting with the Development and Planning Committee to incorporate this into the IEA Conference Model itself.