„Developing the Brainware for SDI”

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To achieve the Academic Network’s objectives, the workplan is focused on:

- **Int. Forum** in conjunction with the Eighth Session of UN-GGIM Committee of Expert Meeting, with the Theme on: **The SDGs Connectivity Dilemma: Urban Settlements, Resilience, and Sustainability**, Monday, 30 July 2018, NY.

- In close collaboration with other UN-GGIM entities, identify relevant items and opportunities for closer collaboration and contribution within the context of UN-GGIM work and Agenda.

- **Capacity Building** in conjunction of UN-GGIM events and call and promote for membership and engagement via dedicated website.

- The current UN-GGIM WGs' workplans to identify the areas for support and input, and actively participating in their activities

- Explore the **development of an infrastructure** to facilitate SDG indicator and research registry

- Training and research programs, inventory of current capabilities, MOOCs, facilities, current projects, etc. relevant to UN-GGIM activities.
Cloud Computing
Techware
vs.
Brainware
<table>
<thead>
<tr>
<th>Data</th>
<th>Measurements</th>
<th>Observations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Databases</td>
<td>(Object-)Relational</td>
<td>NoSQL</td>
</tr>
<tr>
<td>Services</td>
<td>WFS(T)</td>
<td>WM(T)S</td>
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<tr>
<td>SDI – Monitoring SDG Indicators</td>
<td>Query</td>
<td>Analysis (WPS)</td>
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</tbody>
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Capacity Building & Industry
Education Measures and Frameworks

- **International Study Programs**
  - eg, European Joint Masters Programs

- **Curriculum Development Initiatives**
  - ‘Core’, Foundation for Joint Programs, Mobility

- **Faculty and Student Mobility**
  - Integrated with Mentoring (!)

- **Short Intensive Programs**
  - Summer Schools, Trainings
Remote Sensing

OBIA Data>Info

Big (Earth) Data

Tangible embodied situated

Mobile Sensors

IoT

Collective Sensing

Performance Support

AR

Physical Model

HCI

GeoDesign

The Physical Web
How to Join

The academic network promotes and strengthens close collaboration between universities and their national geospatial counterparts. Based on this, we encourage you to become a member. To apply, go to the following link and fill out the form in the expression of interest section.

unggim.academicnetwork.org

What is it?

A formal body constituted as part of the United Nations Global Geospatial Information Management (UN-GGIM). The Academic Network is the strategic knowledge, research and training arm of it.

Objective

The primary objective of the UN-GGIM Academic Network is to support the aims and objectives of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM), as UN-GGIM sets the agenda for the development of global geospatial information and promotes its use to address key global challenges.

The network will facilitate access globally to research and education capabilities for UN-GGIM and its affiliated members in order to identify and respond to challenges and opportunities for UN-GGIM and related UN offices. The UN-GGIM Academic Network will be a coalition of recognized universities and research and education centers involved in research, development and education on geospatial, land information and related matters, run on a volunteer basis.

Work Plan

The Academic Network’s initial work plan will focus on the following:
- Review of the current UN-GGIM WGs’ work plan to identify areas for support and input.
- Promotion of the Network to potential member institutions.
- Registry of current capabilities, degree programs, training programs, research, and courses, relevant to UN-GGIM gathered as part of the membership application process as well as through additional means.
- Establishing a Registry for Education, Training and Research.

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