Joint Project Report to the 11th SCA GA

Joint Project on Open Knowledge and Data Environment for Innovative Research, Education and Environment in Asia (OKDE)

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The 11th SCA GA, July 6, 2011, Ulaanbaatar, Mongolia

Outlines

1. Title of the joint project
2. Background and actions
3. Workshop on OKDE at the 11th SCA
4. Decisions and outcomes
5. Suggestions and acknowledgement

1. Title of the joint project

- Title approved in 2008:

  Open Data and Knowledge Environment for Innovative Research in Poverty Free and Ecosystem Protection in Asia (ODKE)

- Title Revised in 2011:

  Open Knowledge and Data Environment for Innovative Research, Education and Society in Asia (OKDE)

2. Background and Actions

2008: Proposal submitted and approved

2009: Capacity building: training workshop in Ulaanbaatar, Mongolia

2010: International workshop in Shanghai, China

2011: Joint Project Workshop at the 11th SCA, Ulaanbaatar, Mongolia

2009: Capacity Building should be priority for OKDE in the year of phase I

2009: Training workshop for global change studies in Mongolia, this is a joint action of APN/CODATA/SCA/UN GAID e-SDDC/WGISS

2010: Common understanding of OKDE strategy and policy for science and development should be critical issue in the year of phase II

2010: International workshop on OKDE for MDGs, Shanghai, China, joint action of CODATA/SCA/UN GAID e-SDDC/WGISS

2011: OKDE deliverable outcomes should focus on building the SCA's information infrastructure in the year of phase III

- "Soft " -- Common understanding on OKDE

   Principles and guidelines of OKDE for innovative research, education and society in SCA

- "Hard " – Systems

   Information Systems and Services

3. Workshop on OKDE at the 11th SCA

- More than 20 experts join the workshop and discussions
- 9 presentations from Thailand, Japan, China, CODATA, WGISS/CEOS and 1 abstract report from Viet Num in 4 sessions:

  Session 1: Opening and introduction

  Session 2: Progress report on case studies

  Session 3: Joint Action for OKDE Disaster Mitigation and

  Digital Geomuseum

  Session 4: Discussions

- Exhibition: Remote Sensing Achievements on Stamps' Art

  – Part of Digital Geomuseum

4. Decisions and Outcomes

4-1: The methodology of joint action among SCA members and international organizations between SCA, CODATA TG and WGISS/CEOS on OKDE is efficient way in building OKDE during the last three years, and it will be continued to be kept in the following phase of the project

4. Decisions and Outcomes (cont.)

4-2: The Principles and Guidelines of OKDE for Innovative Research, Education and Society in SCA drafted version 0.1 was presented by Prof. LIU Chuang and discussed at the workshop;

the draft version 1.0 will be completed and passed to all members of the joint project for review by end of 2011;

the draft version 2.0 will be reviewed by scientific information lawyers by end of March 2012

the draft version 3.0 will be delivered to the SCA General Assembly before the 12th SCA Meeting, 2012 Indonesia, which is one of the outcomes from the joint project for building the SCA information infrastructure.

4. Decisions and Outcomes (cont.)

4-3: The Digital Geomuseum System, which will play a special role of OKDE in Asia, will be openly available online in 2011, including:

- International cooperation programs hall
- Remote Sensing and EOS hall
- World Heritage and protected area hall
- Bio-Geo diversity hall
- Regional geography hall
- Climate change and go to green hall
- Geographer and scientists on earth science hall
- Contributors hall

4. Decisions and Outcomes (cont.)

4-4: The prototype of OKDE disaster management system is initialed by China and jointed by Japan case studies, Mongolia and Thailand, which will pay attention to quick responses for disaster mitigation. It is requested that cases studies and quick response system will be discussed more detail in next SCA conference, 2012, Indonesia

5. Suggestions and acknowledgement

1. Welcome all SCA country members to join us, welcome all SCA joint projects to have "hand by hand" actions with us;

2. Thanks SCA, CAST, CAS, CODATA, WGISS for supporting the joint effort

Thank You !