

Earth & Space Science Informatics Summit

13-14th March 2008

Villa Celimontana, Rome

DRAFT PLAN Rev. 0214

Organisers: IUGG-eGY, IUGS-CGI, SEEGrid (Australia), EGU-ESSI, AGU-ESSI, GSA-Geoinformatics Division.

Venue: [Villa Celimontana](#), Rome – IGU's Home of Geography.

Participation: Lead persons of groups responsible for major Earth & Space Science informatics programs.

Website See www.egy.org

Working documents can be downloaded from:

<http://groups.google.com/group/essisummit>

Objectives

- a) learn about each other's informatics activities and plans
- b) identify and understand different users (e.g. scientists, decision makers, educators, private sector)
- c) identify and understand user-driven needs for informatics and where these needs are not being met
- d) identify areas of common needs and overlap where the synergy of cooperation will save effort and produce a better result
- e) identify current systems of leadership/governance that are successfully establishing best-practices, and areas where leadership/governance is needed
- f) prepare a declaration of intent
- g) plan next steps (actions).

Justification

Earth & Space Science informatics (geoinformatics) bodies and programs are growing up all around the world in response to three drives (i) modern ICT capabilities, (ii) demand for ready access to data and services in order to tackle modern cross-disciplinary, complex problems as well as traditional ones, (iii) greater readiness by governments to support a science information commons to serve societal benefit area. A Summit will help to produce a unified approach to common issues, and reduce replication of effort.

Costs

No registration fees. Participant must be self-funded.

Travel, Accommodation

Participants must make their own travel and accommodation arrangements. A list of hotels within convenient range of the Villa Celimontana is at:

<http://groups.google.com/group/essisummit>

Pre-meeting Preparation

Participants are asked to do the following before coming to the meeting.

- List the groups of people who need geoinformatics capabilities and what they need them for. What are the societal, governmental, and commercial imperatives that drive investment in geoinformatics?
- Identify what user-driven needs for geoinformatics are not being met? Are the reasons lack of user motivation, lack of opportunities, or lack of awareness?
- Identify what current systems of leadership/governance have successfully established best-practices, and where is leadership/governance most needed?
- List the principles that should be embedded in a declaration of common intent and cooperation.
- List the activities that you undertake or intent to undertake that may be candidates for cooperation and a common approach.
- List three things you would like to get out of stronger world-wide coordination in Earth and space science informatics and three things you are prepared to contribute to achieving such coordination.

Please make notes in response to the above and send them in advance of the meeting to: ij@bgs.ac.uk with a copy to cebarton@gmail.com.

Participants will be asked at the start of the meeting to introduce themselves, in not more than 1 minute. Please give your name, affiliation, main interests, and state what you want this meeting to achieve.

Please feel free to make suggestions about the objectives and structure of the Summit at any time. The agenda will remain flexible throughout.

Thursday 13 March – Draft Program

- 09:00 Gather, coffee
- 10:00 Start; welcome & logistics (Stefano Nativi)
- 10:15 Introduction and purpose of the Summit (Ian Jackson); 1 min per participant
- 10:45 Motivational presentation (José Achache? Leah Goldfarb?)
- 11:00 Q&A
- BREAK ---
- 11:30 Presentation of position papers about the main geoinformatics programs and coordination efforts; each to identify 3 needs and 3 contributions; 10 mins each. (Chair: Charlie Barton)
- GEOSS Architecture & Data *Jay Pearlman*
 - IUGS-CGI *Ian Jackson*
 - AGU-ESSI *Peter Fox*
 - GSA Geoinformatics *Peter Fox*
 - IGeoInfo *Walter Snyder & Jens Klump*
 - USGS geoinformatics *Linda Gundersen*
- 12:45 LUNCH
- 14:00 Synthesis of results of the “pre-meeting preparation” submissions (Ian Jackson)
- 14:30 Breakout (Peter Fox)
- (A) modern ICT capabilities,
- (B) demand for ready access to data and services in order to tackle modern cross disciplinary, complex problems as well as traditional ones
- (C) greater readiness by governments to support a science information commons?
- 15:15 --- BREAK ---
- 15:30 Presentation of position papers, continued; 10 min each (Ian Jackson)
- ESA *Pier Giorgio Marchetti*
 - GMES *Mauro Facchini*
 - EGU-ESSI *Stefano Nativi*
 - ICSU and SCID *Peter Fox*
 - World Data Centres *Dave Clark*
- 16:45 Report on breakout (Peter Fox)
- 17:15 Day wrap-up (Ian Jackson)
- 19:30 Summit dinner

Friday 14 March – Draft Program

- 09:00 Summary presentation from Day 1,
- 09:30 Presentation of position papers, continued (10 min each)
- China *Liu Chuang*
 - Italy *Mauro Messerotti*
 - Russia *Alexei Gvishiani & Alexander Gliko*
 - Germany *Bernd Ritschel*
- 10:30 --- BREAK ---
- 10:45 Synthesis of the pre-meeting submissions on needs and contributions (Ian Jackson)
- 11:00 Breakout to synthesize (Stefano Nativi)
- (D) needs
 - (E) contributions
 - (F) emerging themes
- 12:30 LUNCH
- 14:00 Reports from breakouts (Stefano Nativi)
- 14:30 Plenary discussion (Charlie Barton)
- User-driven needs for informatics and where these needs are not being met.
 - current systems of leadership/governance that are successfully establishing best-practices, and areas where leadership/governance is need.
 - overlapping areas of common interest/need, where the synergy of cooperation will save effort and produce a better result.
- 15:15 --- BREAK ---
- 15:30 Synthesis of breakouts, plenary, and and resolutions/declarations (Peter Fox)
- 16:00 Vote on resolutions or declarations (Ian Jackson)
- 16:30 Write up session; actions and follow up (Charlie Barton)
- 17:00 CLOSE
- Gather for drinks
 - Informal dinner arrangements

Saturday 15 March - Special review session

09:00 – 11:00 This gathering is for the organisers and anyone else who wishes to stay on to review the outcomes of the meeting, assemble report information, and clarify the next steps. Location to be decided - Hotel Mercure Roma Colosseo?
