
DRAFT AGENDA (v.0.4)

GEO Health and Environment Community of Practice Workshop

Salle de l'Espace

Centre National d'Études Spatiales (CNES)

Paris, France

27-29 July 2010

Background Documents:

1. [GEO Work Plan 2009-2011](#)

2. [Health Task Sheets](#)

3. [Showcase proposal for the 2010 GEO Ministerial Summit \(video script\)](#)

4. [Report of Health & Environment CoP Workshop, Nov. 2009](#)

Primary aims of the meeting:

1. Discuss progress of the various tasks and follow-on: where we are, where we go?
2. Prepare for the GEO Ministerial Summit in Beijing: consolidate the messages we want to deliver through the showcase and other means of communication

Highlight outcomes from last workshop (Nov. 2009, Washington DC):

1. Ocean, water quality and health: A global initiative for Vibrio early warning system (EWS)
2. Vector borne diseases:
 - 1) bringing Earth Observation to the E8 Malaria elimination project (Southern Africa);
 - 2) Understanding the Dengue Disease and Climate Change in Latin America and India
3. Air Quality and Health:
 - 1) expand scope of Air Now in Shanghai;
 - 2) bridging environmental and meteorological science communities for health and well being applications – result as functional global network;
 - 3) Bridge biodiversity and human health;
 - 4) Linking Remote Sensing with cities on volcanoes project.

The group provided a matrix, showing a rating for each option. Number 1 had the highest rating, followed by 3. The did not discuss the funding strategy, which should be addressed next.

4. Possibility of an AIP3

(speakers yet to be confirmed indicated in blue)

DAY ONE

Session 1: Welcome

0900 **Welcome and CNES efforts in Health and Environment**

Antonio Guell, Dept. Applications, CNES

0915 **GEO Secretariat Introduction**

Masami Onoda, GEO Secretariat

0920 **Introductions**

All

0930 **Workshop Objectives**

Murielle Lafaye, CNES

Session 2: GEO Health SBA Task Updates (Chair: Juli Trtanj, NOAA)

- 0940 **The GEO Health SBA & CoPs** Masami Onoda, GEO Secretariat
- 0950 **Report of Pretoria Work Plan Symposium** Gary Foley, EPA
- 1000 **Work Plan Task Update** (15 min presentation* + 15 min discussion**)
- * Presentations to identify specific achievements, deliverables and issues/problems and recommendations/requests to the Community
- ** Discussions to address the issues and recommendations by the Task
- 1000 **HE-09-01: Information Systems for Health** Murielle Lafaye, CNES
- 1030 **COFFEE**
- 1100 **HE-09-02a: Monitoring and Prediction of Aerosol Impacts on Health and Environment** Len Barrie, WMO
- 1130 **HE-09-02b: Air Quality Observations, Forecasting and Public Information** Gary Foley, EPA
- 1200 **LUNCH (no hosted)**

Session 2(continued): GEO Health SBA Task Updates (Chair: Pai-Yei Wung, EPA)

- 1330 **Work Plan Task Update (continued)**
- 1330 **HE-09-02d: Global Monitoring Plan for Atmospheric Mercury** Nicola Pirrone, CNR
- 1400 **HE-09-03a: Meningitis Decision-Support Tool** David Rogers, HCF / Tinni Seydou ACMAD
- 1430 **HE-09-03b: Implementation of a Malaria Early-Warning System** George Jungbluth, NOAA
- 1500 **COFFEE**
- 1530 **HE-09-03c: Decision Support Tools and Research on Ecosystems, Biodiversity, and Health** Gary Foley, EPA
- 1600 **Discussion** All
- Overall discussion on:
- The scope, focus, structure of Tasks;
 - Coordination and collaboration between different Tasks or other initiatives;
 - Contributions, Resources, New Partners

Session 3: New Task and Project Proposals (Chair: Eic Bertherat, WHO)

1630 Task and Project Proposals

1630 **Ocean, Water Quality and Health: A global initiative for Vibrio early warning system:** Juli Trtanj, NOAA, US

1700 **Air Quality and Health:** Patrick Kinney, Columbia University

1730 **Towards a Global Malaria Monitoring System:** George Jungbluth, NOAA / Richard Kiang, NASA

1800 Adjourn

1900 DINNER Buffet hosted by CNES

DAY TWO

0900 Summary of Discussion of Day 1

Pai-Yei Whung, EPA

Session 3: New Task and Project Proposals (continued) (Chair: George Jungbluth, NOAA)

0910 **Dengue Fever:** Francesco Mendonça, Univ. Federal do Paraná

0940 **Influenza:** Richard Kiang, NASA

1010 **Leptospirosis:** Eric Bertherat, WHO

1040 COFFEE

1100 **JAXA's Concept on Space Initiatives for Health:** Tamotsu Igarashi, JAXA

1130 **NASA Efforts in Public Health:** John Haynes, NASA

1200 Discussion

- Identify Health requirements for Earth observation
- How to integrate the new proposals and requirements into the GEO Health SBA
- Identify specific tasks or ways to plan and implement the pilot projects
- Identify partners, resources and timeline

1230 LUNCH (no hosted)

Session 4: Preparations for GEO Ministerial Summit 2010 (Chair: David Rogers, HCF)

1400 **Ministerial Summit Showcase** Pai-Yei Whung / Meghan Radtke, EPA

1415 **Discussion**

- How to enhance the current showcase proposal
- To which extent could new proposals be included
- Opportunities for exhibition, publications

1445 **Discussion on Tasks Evolutions toward Ministerial Summit and Beyond** All

Discuss way forward; prepare for discussions and writ-up groups on Day 3, on topics for instance:

- (1) A global initiative for Vibrio early warning system
- (2) Malaria and vector borne diseases
- (3) Air Quality and Health
- (4) Health and Information Systems
- (5) Showcase and Summit Preparations

1500 **COFFEE**

1530 **Discussion on Tasks Evolutions toward Ministerial Summit and Beyond (continued)**

Agree on: which topics to work on (how to break out on Day 3); Milestones and outputs.

1630 **Conclusions: How to Work on Day 3**

Session 5: Way Forward

1645 **Way Forward and Next Meetings**

Murielle Lafaye, CNES

1655 **How to Improve CoP Communication**

Masami Onoda, GEO Secretariat

1700 **Adjourn**

DAY THREE

0900 **Break into small groups (or continue in Plenary) to:**

- Draft Pilot Project descriptions as outlined in Day 2
- Draft recommendations to update current Work Plan/Task Sheet in order to incorporate the outcome of workshop as outlined in Day 2
- Draft Health achievements for showcase, exhibition as outlined in Day 2

1030 **COFFEE**

1100 **Break into small groups (or continue in Plenary) (continued) to:**

- Draft recommendations to restructure Health SBA
- Draft a list of potential donors, contributors and partners and a reach-out plan with assignments

1200 **LUNCH (no hosted)**

1330 **Report on Break-out Groups (or continue in Plenary)**

Session 6: Wrap-up and Closing

1430 **Wrap-up Discussion, Way Forward**

Murielle Lafaye, CNES

1450 **Closing Remarks**

[Pai-Yei Whung, EPA](#)

1500 **Adjourn**