



Template for discussion of CB OAT @ CBC 9

- 1 slide Describing OAT goals and targets for 2009-2011
- 1 slide Mapping OAT outputs to CB Strategy and Strategic Targets
- 1 slide Indicating OAT core team
- 2 slides outputs, expected outcomes/potential GEOSS components for 2009-2011
- 1 slide Schedule for OAT
- 1 slide Describing OAT dependencies and interactions with other tasks
- 2 slides Describing OAT coordination SWOT
- 1 slide Reporting methods and guidelines (task sheets, CBC meetings)
- 1 slide Expectations of OAT from CBC
- 2 slides on each subtask giving
 - Description and objective of subtask
 - Goals, outcomes, outputs
 - Gaps, challenges, risks
 - Current activities, schedule



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Individual Overarching Task:

Identify education and training opportunities across GEOSS SBAs. Develop synergies, encourage cross-fertilization and address common challenges.

Individual OAT core team:

- George Jungbluth, NOAA
- Gordon Bridge, EUMETSAT
- Tania Maria Sausen, INPE
- (representative of Mailman School of Public Health)

- (Martien Molenaar, Advisory capacity)



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CB-09-02b: Summer Institute on Climate Information for Public Health (page 1)

Description: Develop a sustainable “Summer Institute on Climate Information for Public Health” for professionals, particularly those who play a research role in the operational decision-making or public health-care planning, evaluation, surveillance or control of climate sensitive diseases.

Objective: To fill a gap identified in the capacity of health practitioners and their partners in the operational research community (from both health and climate environment disciplines) to improve the management of climate-related risks associated with adverse outcome.

Goals: To understand and use climate information in public health decision making.



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CB-09-02b: Summer Institute on Climate Information for Public Health (page 2)

Outcome: Better understanding of the role of climate in driving the infectious disease burden and public health outcomes and understand management and data integration as an opportunity to improve decision making process in public health

Output: Training material; New tools for accessing climate and epidemiological data, for analyzing and mapping the IRI Data Library and WHO Open Health

Gaps, challenges, risks:

Current activities and schedule: - Summer Institute in June 2009 for 12 'trainer of trainers' - Where?

Future activities: Malaria-climate training platform accessible on the web to use this platform in training workshops in disease endemic countries especially in Africa.



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CB-09-02c: UN-SPIDER/GEO Summer School on Space-based Solutions for Disaster Management and Emergency Response (page 1)

Description: Establish and support regional training and capacity building programmes in Latin America related to disaster management and emergency response related to drought, desertification, landslides and earthquakes.

Objective: Develop capacity of individuals to access and use space-based information and space-based services for disaster reduction and emergency response related to drought, desertification, landslides and earthquakes.

Goals: Develop individual capacity in disaster reduction and emergency response related to drought, desertification and earthquake in Argentina, Ecuador and Mexico, and establish a regional network of practitioners within Latin America.



Template for discussion of CB OAT @ CBC 9

CB-09-02c: UN-SPIDER/GEO Summer School on Space-based Solutions for Disaster Management and Emergency Response (Page 2)

Outcome: Individual capacity in drought, desertification and earthquakes; regional network of practitioners in Latin America

Output: Training material

Gaps, challenges, risks: Lack of funding

Activities and schedule:

2009 - Spring School in Ecuador on drought & desertification

2010 - Spring School in Argentina on landslides

2011 - Spring School in Mexico on earthquakes



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CB-09-02e: Earth Observation Game for Youth (page 1)

Description: International contest to create a game that emphasizes the impact of EO on social conditions.

Objective: Organize an international competition to create ideas for a game for 10-16 yrs old to understand the benefits EO on societal issues.

Goals: Make young people understand the benefits of EO on societal issues.

Outcome: Concept/idea of the game

Output:

Gaps, challenges, risks:

Activities and schedule:

2009 – (summer) competition for the game design (Phase 1)

2010 – selection of contest winner



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CB-09-02f: GLOBE/GEO Climate Education Project (page 1)

Description: Promote a student research campaign to foster the use of EO on changes in the global environment.

Objective: Engage students in using GEOSS and in-situ data in conducting collaborative research on climate, weather, water, human health and other GEO SBAs and promote environmental stewardship in schools and communities around the world.

Goals: Integrate GEOSS data into regional student research investigations on climate and related issues on disasters, human health, energy, water, weather, ecosystems, agriculture and biodiversity.

Outcome: GEOSS data integrated in student research investigations

Output:



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CB-09-02f: GLOBE/GEO Climate Education Project (Page 2)

Gaps, challenges, risks:

Activities and schedule:

2009 – (Jan) Planning workshop in WMO hq to develop pilot project with participation of 20-25 climate scientists, GLOBE educators, partners and key collaborating organizations; (summer) GLOBE professional development workshop to facilitate climate change research in secondary schools; (fall) selection of 200-300 GLOBE schools and teachers participating in project

2010 – Impact assessment of pilot project on students, teachers and communities. Formative evaluation data will be used to improve student research campaign design, tools, services and outcomes



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CB-09-02g: GEONETCast Training (page 1)

Description: Enhance GEONETCast capacity building and user engagement activities through development of the GEONETCast Training Channel.

Objective: Increase number of real users of GEONETCast and EO products by linking new audiences with EO products and data, educating them in their use and practical application.

Goals: Develop GEONETCast Training Channel that will disseminate data and training materials on GEOS- related environmental data, link GEONETCast products and product navigator with specific training materials, transmit training materials to local trainers

Outcome: Training and capacity building materials organized; training and CB channel forum for communication between users and academic institutions available



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CB-09-02g: GEONETCAST Training (Page 2)

Output: Dedicated training and capacity building channels,
materials and data sets

Gaps, challenges, risks:

Activities and schedule:

2009 – Determine initial set of training materials and
providers, strategize user interface and delivery strategies,
build university and educational center partnerships



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Individual OAT GOALS for 2009-2011

Identify initiatives on Disaster Management in different regions

Minimize duplication; promote exchange of expertise, experience; accommodate language problems

Increase awareness of decision makers

Individual OAT TARGETS for 2009-2011



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Mapping OAT outputs to CB Strategy and Strategic Targets:
Already in the sub-task sheets which have to be kept up-to-date

OAT interactions with other tasks:

CB-09-01; CB-09-04; Agriculture, Water

Reporting methods and guidelines:

Task Sheets (updated yearly or earlier if necessary)

CBC meetings

Guidelines should be simple



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Outputs, expected outcomes/potential GEOSS components for 2009-2011

- Long-term operational capability to deliver and access to training resources through GEONETCast Training Channel.
- Network in disaster management and emergency response developed in Latin America and Caribbean
- Education and outreach opportunities for youth and teachers



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Schedule for Individual OAT:

2009: 2 training activities (UN-SPIDER Spring School; Summer Institute on Climate); 1 pilot project; Pre-implementation of the GEONETCast Training Channel

2010: First phase of the OE Game for Youth; GLOBE research campaign for secondary students; 1 training activity

2011: 1 training activity



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OAT coordination SWOT

Strength: Willingness of CBC partners to carry out OAT

Weakness: Sub-tasks' scope is broad, different target audience; presently no activity for decision makers, policy planners



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Expectations of OAT from CBC:

1. Make information on partners/networks available on the GEO website and encourage, promote and support cooperation among these entities.
2. Identify synergies and potential overlaps
3. Encourage liberal access to data for CB purposes
4. Ensure that Task Sheets are well coordinated, updated and implemented.