

# **Update on the GEO Coastal Zone Community of Practice (CZCP)**

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# GEO Coastal Zone Community of Practice (CZCP)

The GEO Coastal Zone Community of Practice (CZCP) objectives are to:

- Engage coastal users and data providers in the specification of requirements for *in situ* & remote coastal observations and derived Information products in support of integrated coastal zone management
- Evaluate current and projected observational capabilities against these requirements, identifying gaps, redundancies and activities that need to be strengthened;
- Advise the GEO User Interface Committee, other CPs and GEO on matters relating to coastal zone observations and related societal benefits, and identify priority needs as well as areas for linkage, collaboration and support.

The CZCP tasks include:

- Organize workshops and develop “proof of concept” pilot projects that both address these gaps and enable data integration for the provision of new or improved decision support tools;
- Promote development or strengthening of networks of institutions globally, regionally, and across the CoPs that contribute to and benefit from GEOSS;

# Coastal Zone Community of Practice Update

- CZCP Organizing group:

Jimmy Adegoke

Michael Bruno

Robert Christian

Franciscus Colijn

Paul DiGiacomo

Thomas Malone

Liana Talaue-McManus

Jose Muelbert

Hans-Peter Plag

- Numerous GEO member nations, as well coastal user interests & applications (e.g., sea level rise and inundation; water quality; habitat, resource and integrated coastal area management) are represented within the CZCP.
- Frequent communication is occurring within this group to facilitate discussion and plan CZCP activities.

# Coastal Zone Community of Practice Activities/Plans

Recent and ongoing CZCP community engagement activities:

- Coastal users/organizations/needs are being identified by the organizing group, guided by their broad/diverse user knowledge, interests, and national/international activities.
- A GEO CZCP list server ([CP-COASTAL@LIST.GEOSEC.ORG](mailto:CP-COASTAL@LIST.GEOSEC.ORG)) has been created to facilitate discussion with and between these coastal users; an FTP site has also been established.
- A CZCP Web Page has been established at <http://www.czcp.org>. This page includes information about the CZCP, the Workshop series, a library, and a discussion forum. A product page is under development.
- Work on a 'product' page has started. Page will give access to many data products and service related to coastal zone issues.
- Submitted four proposals for Community White Papers to OceanObs'09
- Focus on presentations of the CZCP at relevant regional conferences.
- Kenneth Korporal presented a CZCP presentation at the “GEOSS in the Americas” Symposium at the opening of the “Sea-level Rise and Coastal Inundation Risks” session.



# Breakout Group: Sea-level Rise and Coastal Inundation Risks

*Slide provided by  
Kenneth Korporal*

## Outcomes and Recommendations:

- 1) Strongly view the concept of the Coastal Zone Community of Practice as a mechanism to advance discussion of issues and to provide a way forward for implementing coastal area GEOSS activities in the region
  - recommend that a regional '*Americas Coastal Zone Community of Practice*' (ACZCoP) be established
  - ensure some regional participation in the GEO Coastal Zone Community of Practice, but the high-level of focus and effort be put into the ACZCoP in order to meet *regional* needs and capacities
  - use as a forum to further identify data gaps and tools, encourage continuous updating with current data, promote public education and awareness, examine interoperability issues, establish partnerships and new collaborations,



## **Breakout Group: Sea-level Rise and Coastal Inundation Risks**

- Encourage that an ACZCoP **regional Workshop** be organized and held in 2009-2010 timeframe
  - hold at earliest possible opportunity as this Workshop is viewed as a catalyst for increasing regional interest in GEO/GEOSS, especially in the Caribbean Small Island Developing States (will significantly help to bring in other members to GEO)
  - need to identify potential host country/organization, source(s) of funds, etc.

*Slide provided by  
Kenneth Korporal*

# Coastal Zone Community of Practice Activities/Plans

A series of CZCP regional users workshops is currently being planned and carried out:

*“GEOSS Support for Decision-Making in the Coastal Zone: Managing and Mitigating the Impacts of Human Activities and Natural Hazards In the Coastal Zone”*

*First workshop:*

*“Observing System Requirements for Managing and Mitigating the Impacts of Human Activities and Coastal Inundation in the Mediterranean Region”* took place 9-13 June 2008, Athens, Greece; locally hosted by Greek GEO Office in conjunction with the GEO Secretariat.

There were approximately 35 participants from 13 nations.

*Output (all available at the CZCP web page):*

- Workshop report
- List of conclusions relevant to the CZCP objectives
- List of recommendations

# Coastal Zone Community of Practice Activities/Plans

Series of CZCP regional workshops:

*“GEOSS Support for Decision-Making in the Coastal Zone: Managing and Mitigating the Impacts of Human Activities and Natural Hazards In the Coastal Zone”*

*Subsequent Workshops:*

Will be held in *2) Africa, 3) Asia and 4) the Americas* in the 2009-2010 timeframe; These workshops will also be developed in coordination with the GEO Secretariat.

- One (small) North Africa Workshop will focus on information gaps with respect to CZ-related decision processes, obstacles for data sharing, and possibilities for improvements in these countries.
- One Africa workshop is presently being developed with representatives from GOOS-Africa, Pan African Large Marine Ecosystems (LMEs), the African Association for Remote Sensing of the Environment, and other regional partners and end users.

*Africa workshop:*

*- Focal points will be on coastal inundation, erosion, human health risks (water quality et al.), resilience of coastal ecosystems et al.*

July 27 - August 2, 2009: ACCESS Student Workshop

August 2 - August 7, 2009: The CZCP Workshop, including a 2-day policy forum

August 6 – August 7, 2009: Joint CZCP/ACCESS policy forum

Venue: Accra, Ghana