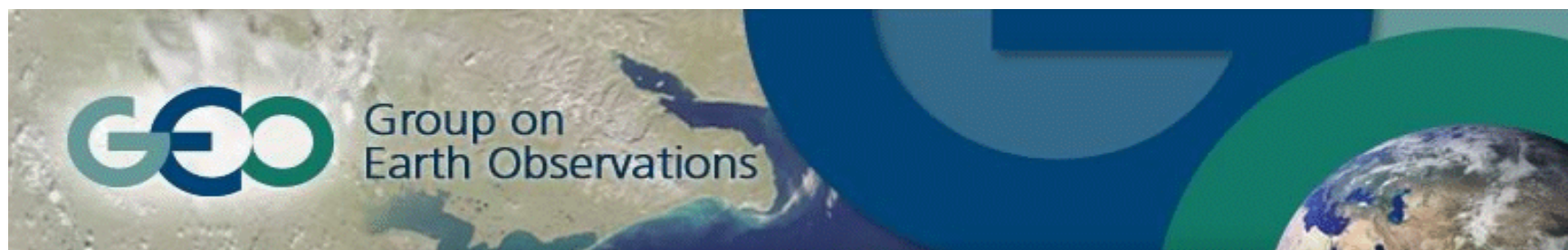


US EPA ARCHIVE DOCUMENT



GEO Task AR-07-02

Architecture Implementation Pilot

George Percivall
Open Geospatial Consortium
gpercivall@opengeospatial.org

GEO User Interface Committee Meeting,
3 August 2007



GEO Task AR-07-02 GEO Architecture Implementation Pilot

- Evaluate, enhance, and document an operational architecture for GEOSS, using open standards
- Register persistent services that support multiple application domains
- Develop scenarios to exercise discovery and access mechanisms for services and data
- Develop evaluation criteria and candidates for re-usable GEO Web Portal and Clearinghouse
- Record scenarios for video display and exhibits at GEO Plenary and Ministerial, November 2007

www.ogcnetwork.net/Alpilot

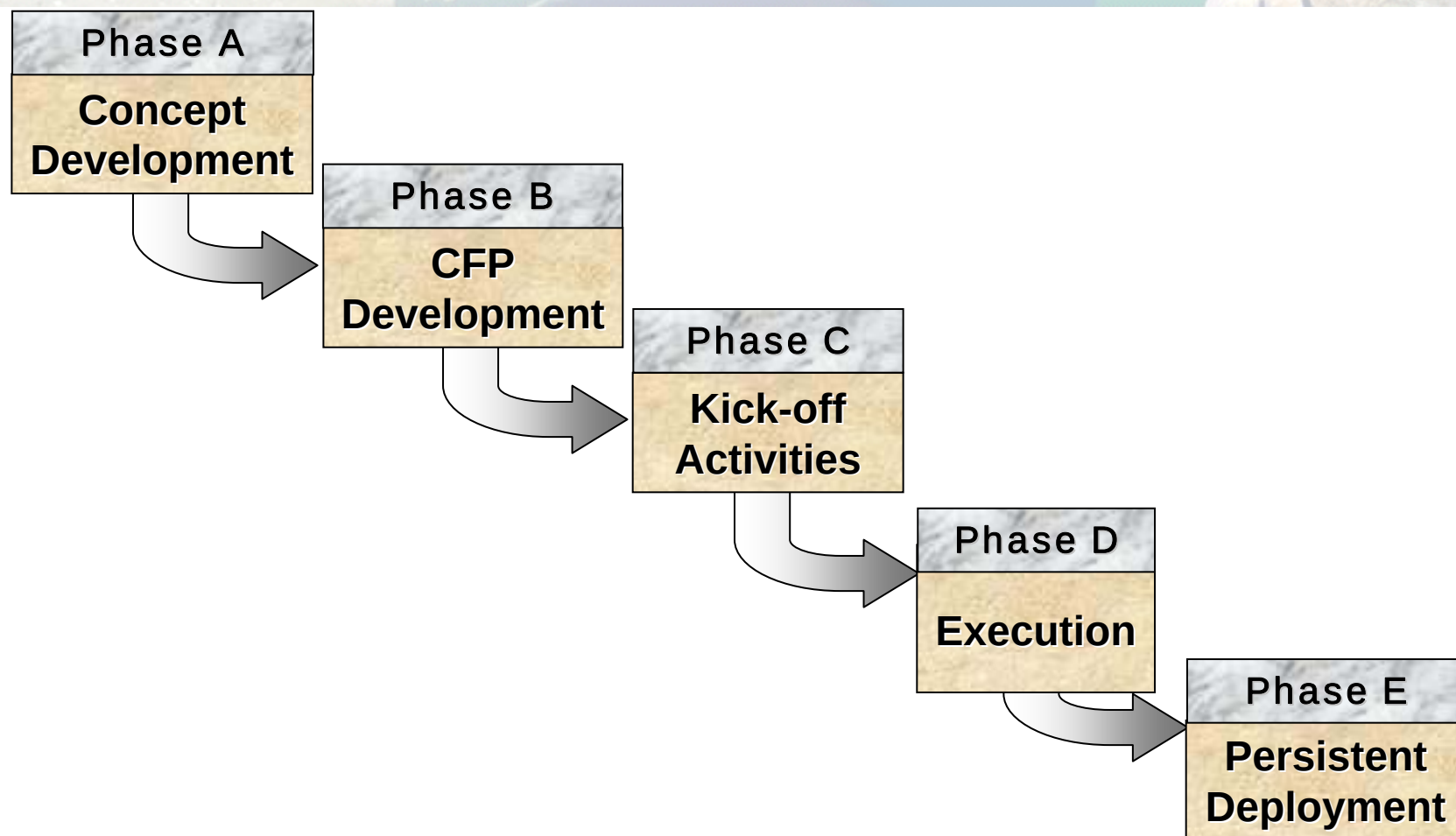


GEO Task AR-07-02 Architecture Implementation Pilot

- Lead incorporation of contributed components consistent with the GEOSS Architecture...
- ...using a GEOSS Web Portal and a GEOSS Clearinghouse search facility
- ...to access services through GEOSS Interoperability Arrangements
- ...in support of GEOSS Societal Benefit Areas



AI Pilot Approach



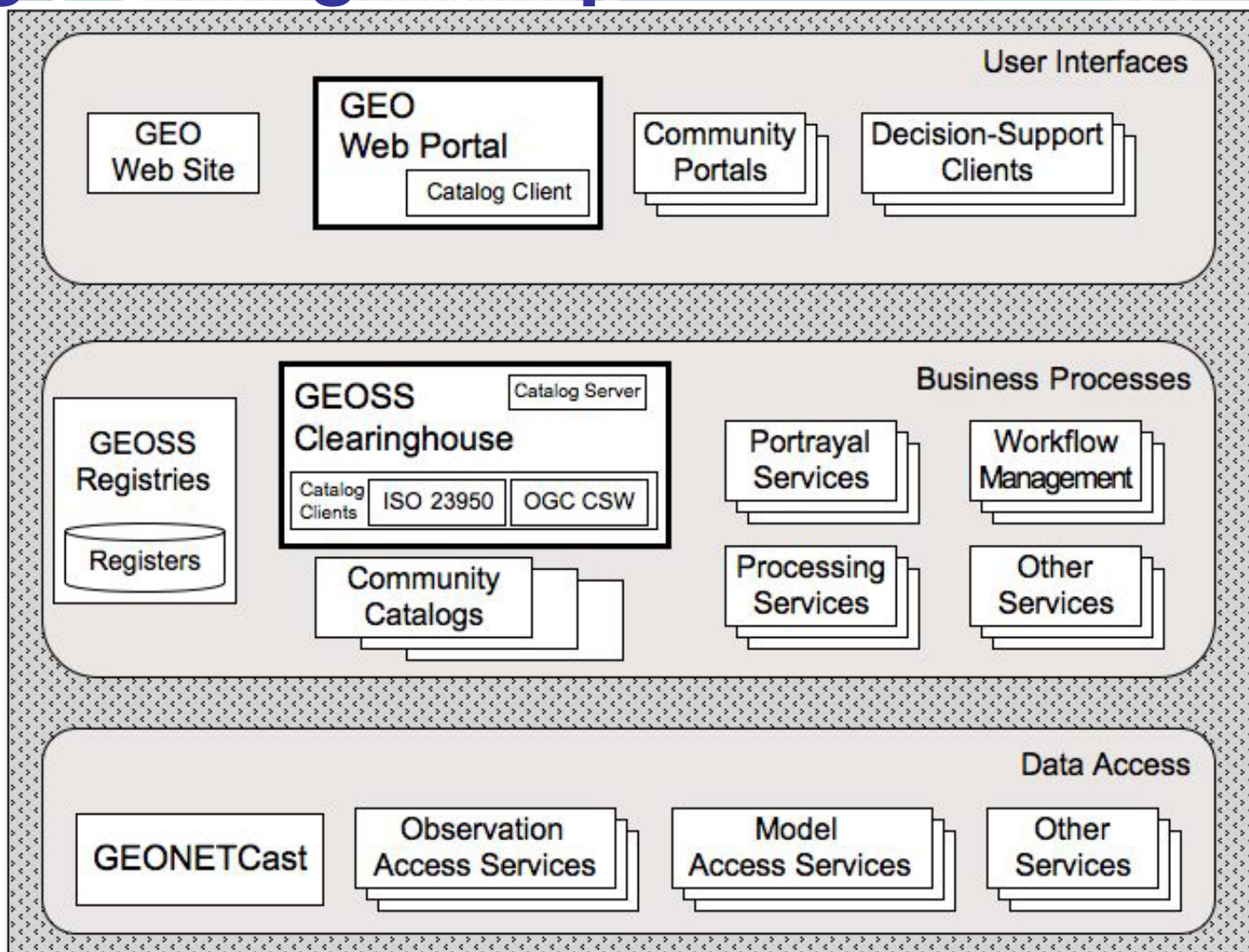
Derived from OGC Pilot Policy and Procedure
<http://www.opengeospatial.org/ogc/policies/ippp>



AI Pilot Milestones

- Call for Participation (CFP)
 - CFP Preparation based on RFIs February & March
 - CFP Release 13 April
 - CFP Responses Due 11 May
- Pilot Kickoff meeting 5-6 June
 - ESA-ESRIN
- Deploy, Integrate, Test 4 mo. June to September
- Scenario Capture Workshop 10-11 September
- Persistent Capability After September

Engineering Viewpoint Architecture



From AI Pilot Call for Participation

Slide 6



Cranfield
UNIVERSITY



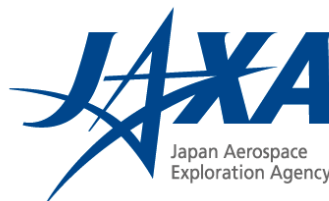
Federal Agency for
Cartography and Geodesy



Science & Technology Facilities Council
Rutherford Appleton Laboratory



unidata



EUROPEAN COMMISSION
DIRECTORATE-GENERAL
Joint Research Centre



GeoConnections
GéoConnexions

Mapping the future together online
Cartographies l'avenir en ligne



AI Pilot Kickoff Workshop

- June 5&6 at ESA-ESRIN
 - ~70 people attended, 24 sessions
 - Presentations are posted:
www.ogcnetwork.net/Alpilot
 - Thanks to all Session Leaders
- 10 Working Groups established
 - e-mail lists for all WGs and plenary list
www.ogcnetwork.net/AlPilotLists
 - ~130 people listed on plenary list
- Weekly plenary telecon



Group on
Earth Observations

AI Pilot Implementation Working Groups

- Architecture WG
- Clearinghouse WG
- FedEO Pilot WG
- GEO Web Portal WG



AI Pilot Implementation Working Groups

- Architecture WG
 - [Doug Nebert](#), [Michel Millot](#), [Larry McGovern](#)
- Clearinghouse WG
 - [Josh Lieberman](#)
- FedEO Pilot WG
 - [Ingo Simonis](#)
- GEO Web Portal WG
 - [Corentin Guillo](#)

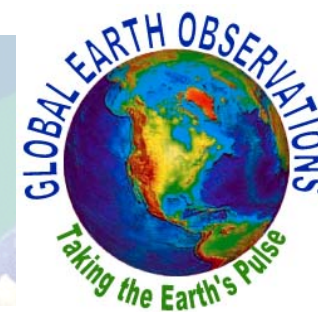


AI Pilot Implementation Working Groups

- GEO Web Portal WG
 - 4 candidate portals
 - User evaluation process
 - Venues for user evaluation

The Workshop Series 2007

“The User and the GEOSS Architecture”



Apr-07	IEEE SoS and Signal Conferences	Hawaii, USA	SOSE and Information infrastructure for GEOSS
Jun-07	Intl Symp on RS of Environment - ISRSE	San Jose, Costa Rica	Sustainable dev through EO, Agriculture
Jul-07	IGARSS07	Barcelona, Spain	GEOSS System components
Aug-07	IPY GeoNorth	Yellowknife, Canada	Climate and biodiversity
Sep-07	AfricaGIS07	Burkina Faso	EO for water, health
Sep-07	OGC TC	Boulder, CO USA	Regional Decisions for Climate Change
Nov-07	Asian Conference on Remote Sensing	Kuala Lumpur, MY	Environment Disaster/ Tsunami

<http://www.grss-ieee.org/menu.taf?menu=GEOSS&detail=GEOSSWorkshops>



Scenario Working Groups

- Wildland Fires in Africa
- Ecosystems & Biodiversity - Africa
- Ecosystems & Biodiversity - Polar
- Regional Decisions for Climate Change
- Oil Spill
- Volcano



Scenario WG Leaders

- Wildland Fires in Africa
 - [Ingo Simonis, OGC](#)
- Ecosystems and Biodiversity in Africa
 - [Steve Peedell, JRC](#)
- Ecosystems and Biodiversity in Polar Regions
 - [Terry Fisher, NR Canada](#) & [George Percivall, OGC](#)
- Regional Decisions for Climate Change
 - [George Percivall, OGC](#)
- Oil Spill
 - [Corentin Guillo, EADS-Astrium](#)
- Volcano
 - [Satoko Miura, JAXA](#)

Scenario Capture Workshop

- Screen capture recordings of Scenario clients
 - EO Summit Communication Task Force
 - Participants exhibits at summit
- In advance
 - Scenario
 - Scripts: keystrokes and narration
 - Clients and servers in registry
 - Integration testing
- 10&11 September in Washington DC, in conjunction with ADC meeting



Seeking coordination with GEO UIC

- GEO Web Portal
 - Coordinate on establishing criteria for evaluation
 - Coordination on user evaluations of GEO Web Portal candidates
- AI Pilot Scenarios
 - Coordinate on development of scenarios, identification of data, etc.



Group on
Earth Observations

Questions?

George Percivall

gpercivall@opengeospatial.org

Open Geospatial Consortium, Inc

www.opengeospatial.org

