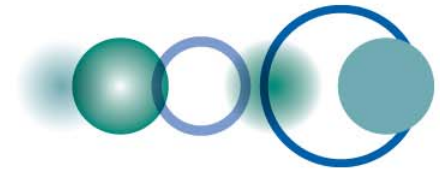


Climate Change and Biodiversity Session

S. Nativi (IP3 Team and CNR),
Gary Geller (IP3 Team and NASA JPL)

GEOSS ADC & AIP-2 meeting,
Boulder (CO) USA
21-26 September





Agenda (Thursday, 25th 13:00 – 14:15)

I part: The context

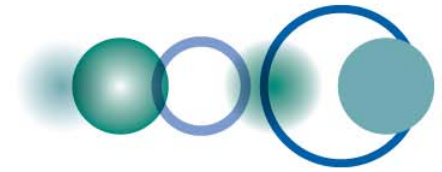
Global Federated Climate and Weather systems	D. Middleton (NCAR and WMO)
Global Biodiversity systems: GeoBON Team) and S. Nativi (CNR and IP3 Team)	G. Geller (NASA JPL and IP3 Team)
Interoperability process: The IP3 demonstrations	S.Nativi (CNR and IP3 Team)

II part: Interoperability Architecture: Some AIP-2 Principal

NOAA NCDC Response	Christina Lief
USGS Response	Doug Norbert
BKG Response	Juergen Walther

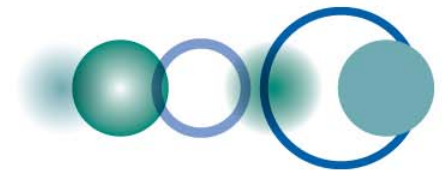
III part: AIP-2 Interoperability experiments & shared use scenarios

An interoperability test framework to share resources	All
Possible collaborative Use scenarios	All
Conclusions	All



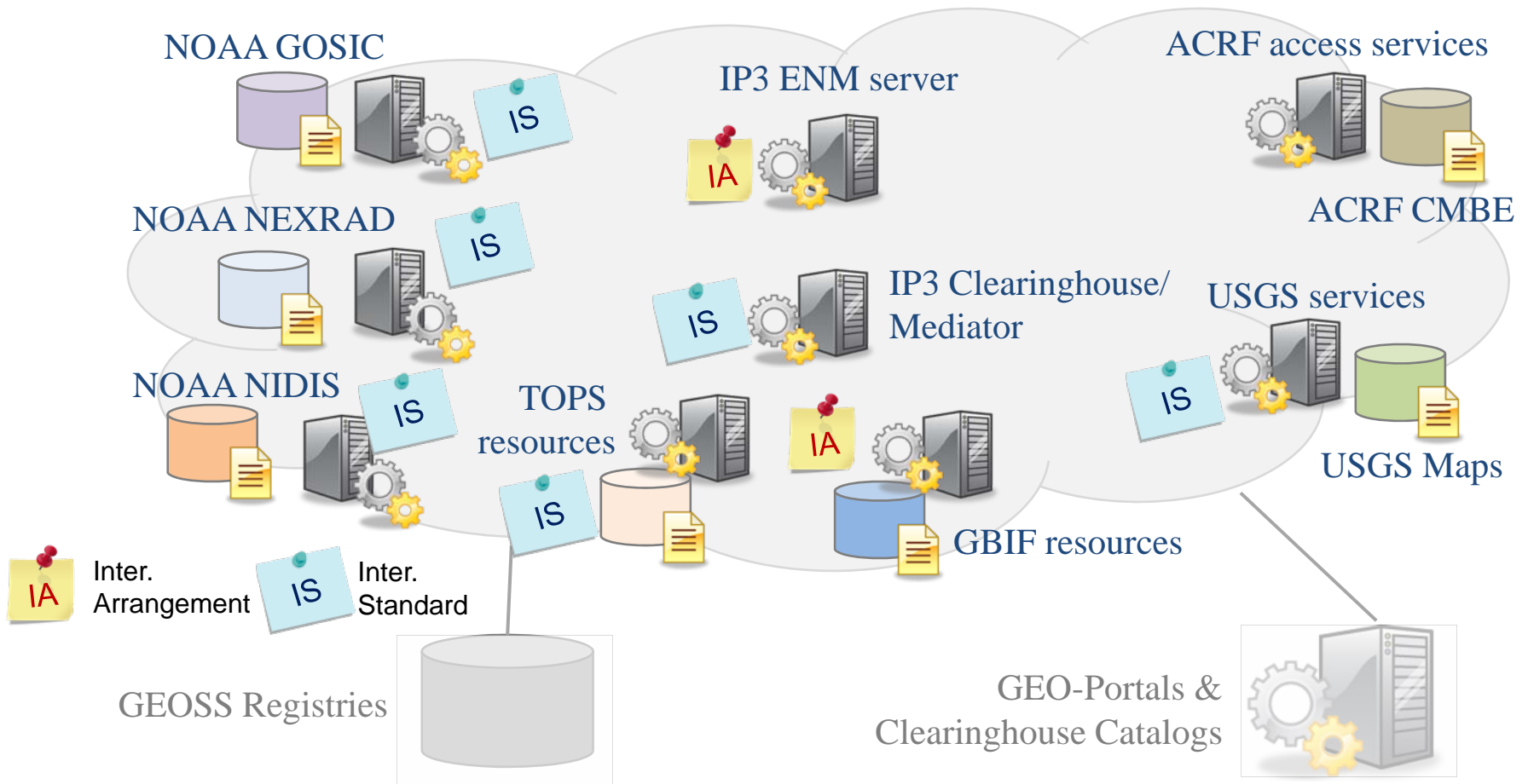
Session Notes

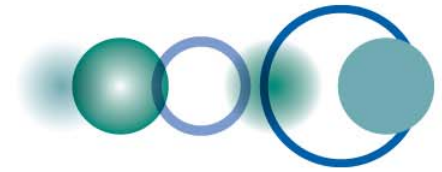
- 17-20 person attending. A small room !
- Good discussion on the presentations
- There was a general agreement on the need to try to test resources interoperability in order to enable common use scenarios and facilitate their registration in the GEOSS registries
 - Interoperability will be pursued by publishing standard interfaces
 - It is possible to submit some “interoperability arrangements” proposals to SIF



Session Notes

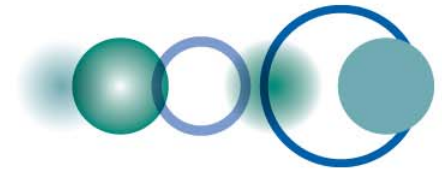
- Interoperability framework for common CC & Bio use scenarios





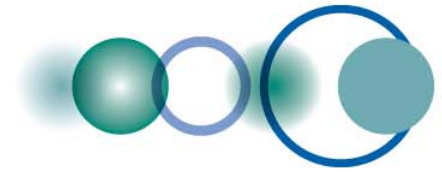
Session Notes

- Major Challenge
 - Get Data not only maps
 - To deal with data multi-disciplinary specific models and encodings
 - To explicit the disciplinary knowledge: the mediator role
 - Get scientists involved in the use scenarios definition and implementation
 - Start from the IP3 cross-disciplinary process experience
 - Consider the ESRI story board experience



Session Notes

- Some Impediments
 - Data policy and security constraints
 - Huge amount of heterogeneous data possibly useful for use scenarios
 - Several Communities involved
- Common use scenarios were discussed
 - CC impact on Biodiversity for the Polar area
 - Vegetation Change
 - Protected areas monitoring ?



Schedule

Task	Deadline
To send comments and contributions on use scenarios	20 Oct
To look at possible scenarios already defined in other international projects/programmes	20 Nov
To set up formal use scenario(s)	15 Dec
<i>... according to AIP-2 milestones</i>	