

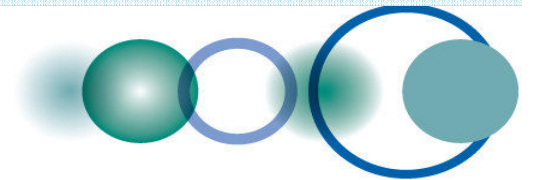
WG 1

genetics - phylogenetics



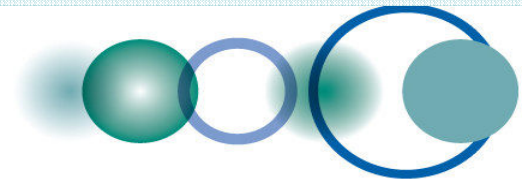
GROUP ON
EARTH OBSERVATIONS

Biodiversity
Observation
Network



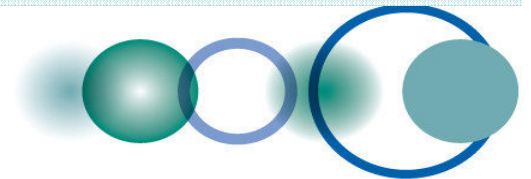
What did you do?

- Activities and deliverables sharpened
 - 11 compelling deliverables,
 - restructured around within vs among species
- Major issues resolved
 - addressed “research-y” issue
- Operational aspects improved
- Collaborations discovered
 - Boosted marine
 - MIENS (= linking sequence data to env data)
 - LPI AND EDGE connections enhanced



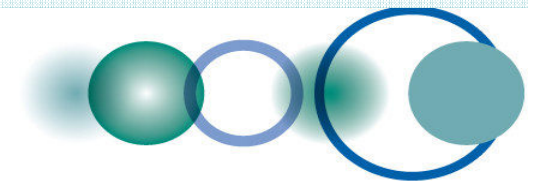
What did you do?

- Overlaps removed or collaborated upon
 - Links to WG2 clarified
 - Also WG7 further talked about
 - WG5 – nice complementarity
 - WG8 nice input re MIENS
 - WG3 freshwater sites and target species
- Document shortened 24 to 17 and ongoing..
- Strengthened delivery of the 3 strategies for genetic/phylogenetic diversity



timeline

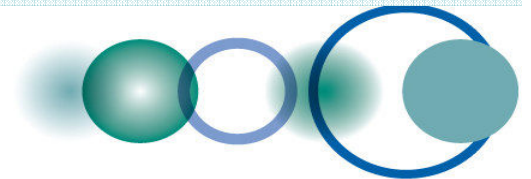
Activity/Deliverable	2010	2011	2012	2013	2014	2015	2016	2017	2018
Paper	X	X							
Abundance/range		X	X	X	X	X	X		
Genetic changes in selected taxa			X		X		X		X
Ubiquitous genotyping			X		X		X		X
Evolution in invasives			X		X		X		X
Genetic diversity in core sites			X		X		X		X
PD mapping		X	X	X	X	X	X	X	X
EDGE		X		X	X		X		X
Microbial 16 S diversity		X	X		X		X		X
Metagenomics			X		X		X		X
Partnership	X	X	X	X	X	X	X	X	X



What work remains?

What do you still need to do to complete the updated draft due on 19 March?

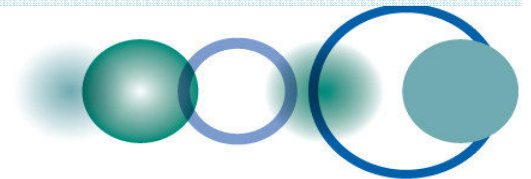
- Arrange inputs from absent members
- New members – marine (ICoMM), metagenomics
- Individual members must write additional assigned text portions
- Co-leads produce updated draft final



What is your plan?

What is your plan to complete that work?

- Assigned text portions and other inputs due in one week



Obstacles

- What are the main challenges to:
 - Complete the next draft
 - financials
 - Begin implementation

