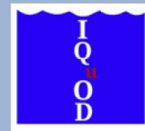


IQuOD

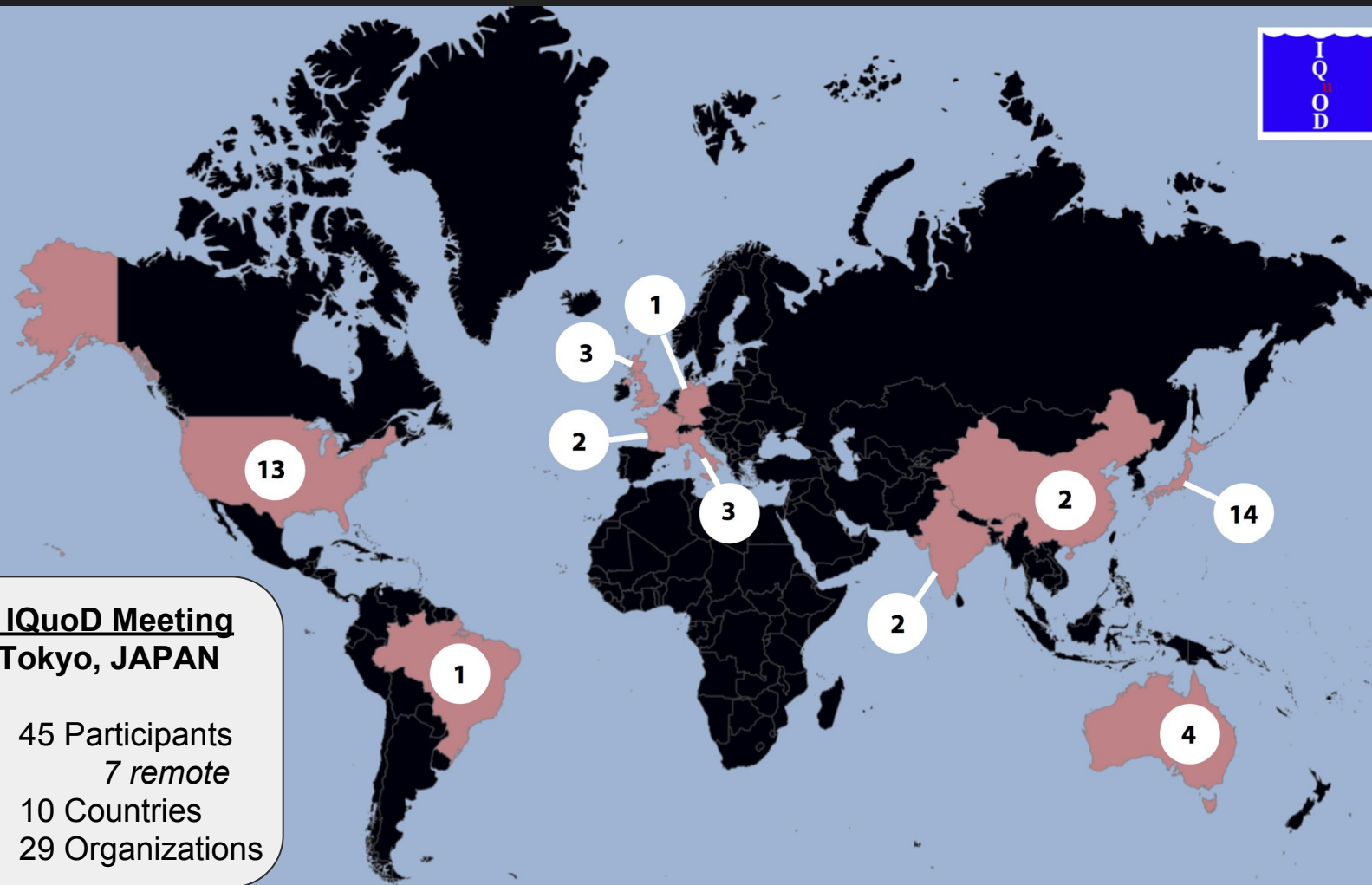
A Real Way Forward

S. Diggs
IQuOD-4: Tokyo, Japan
2016.10.05

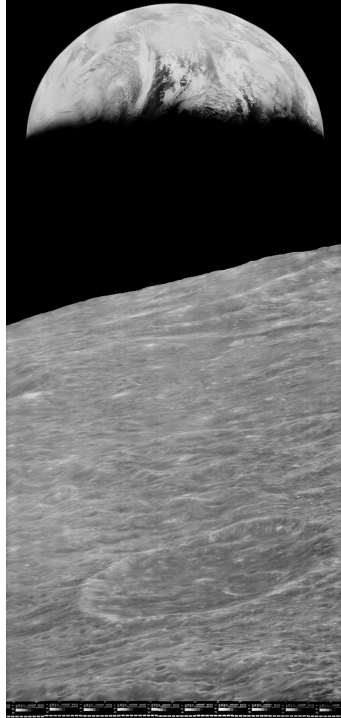
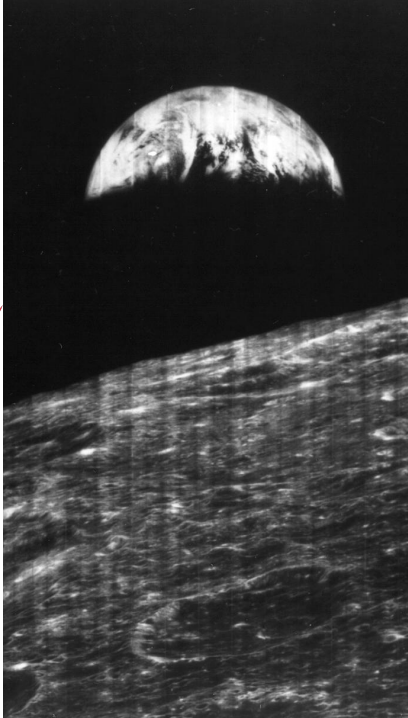


4TH IQuoD Meeting
Tokyo, JAPAN

45 Participants
7 remote
10 Countries
29 Organizations



But first, a story and some pictures (LOIRP)



What's our story in one simple sentence?

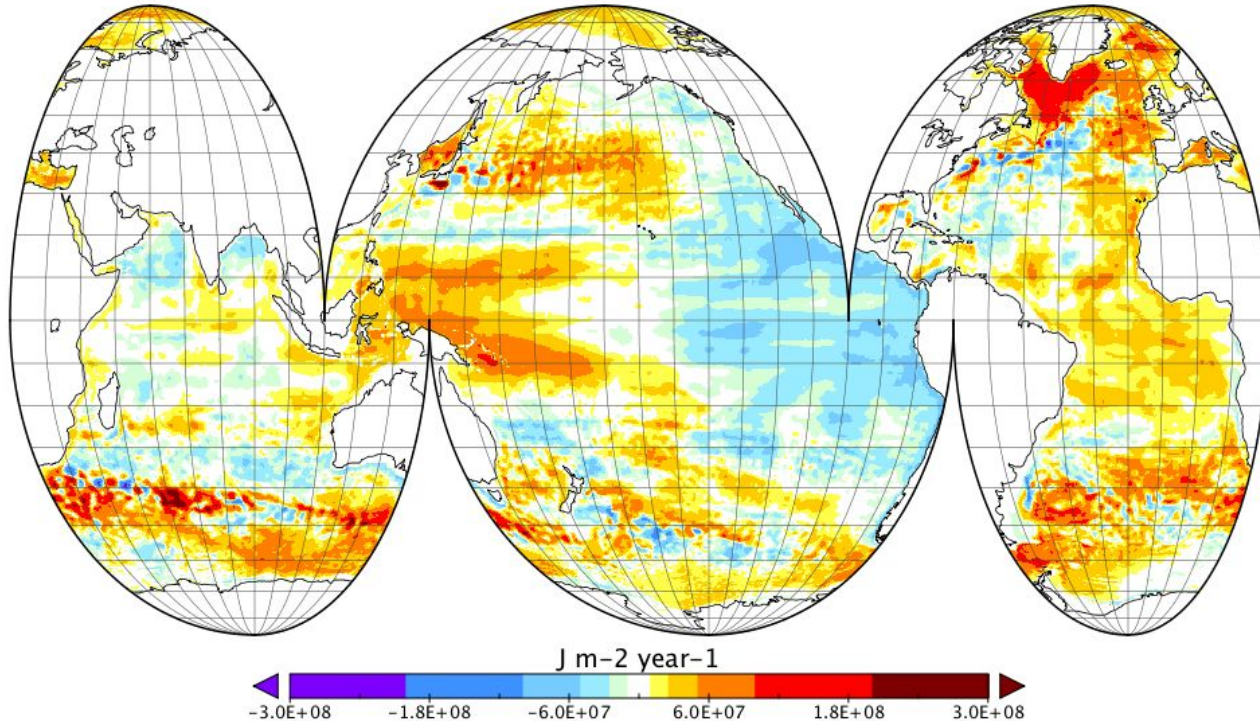


**Help scientists
recover Arctic and
worldwide weather
observations
recorded in ship's
logs since the
mid-19th century.**

So, there's this fantastic paper out there

Total Ocean Heat Content Linear Trend [1982–2012]

C-GLORS025 V4.1



(Suggested) Action Plan

- Real Talk: Did SCOR get what it paid for?
- Assess Resources (incl. Crowd Sourcing)
 - Who is over burdened? (Simon, Tim, Catia)
 - What funded, stable activities can we exploit? (Coriolis, CCHDO, NCEI, ...Others?) **careful!**
 - Who will give us > **\$100K** / year (US: NSF/EarthCube, NOAA, NASA, ... Others?)
 - **Who** will **do** the work, how much to pay them, and how will they make the time to do it?
- **Form a Concise, impactful narrative**
- Coordination / Map the activities? (**Alison**)
 - Many disconnected but similar projects working in parallel
 - **IQuOD Project Office?**
- Launch a Study, write that paper! (**Shoichi?** / **Viktor?**)
 - → Use that study as a metric as IQuOD matures to show progress over time & towards goal.
- Have a WORK(ing)shop at the next meeting / do the work then (funded)

After 4 years, what are we still talking about?

8 Appendix 3. Summary of Action items

8.1 Uncertainties/Formats Tasks

No.	Item	Who	When
1	Provide a definition of uncertainty for IQuOD purposes.	Bec, Rachel, John, others?	June, 2016
2	Provide uncertainties for temperature to the instrument level and available country/institution level. Use the hierarchy table structure presented by Tim Boyer.	John Gould, Bec, Tim, Viktor	June, 2016
4	A readable table will be made available on line (WOD)	Tim	June, 2016
5	Develop a template for feedback from those who collected data – table or document. Include salinity uncertainties.	John, Bec, Viktor	
6	Add to the existing list of experts (or	Viktor	



???