

Lake expedition updates

▣ GRAPLER software and resources

■ Usability improvements, bug fixes

- ▣ Arianna Krinos (undergraduate from Carey's lab) visited UF during the summer, and collaborated with GRAPLER developers – it was a very valuable experience!

■ Nodes at UF, NAIST, XSEDE Comet

- ▣ Successful XSEDE allocation in the summer: ~1M SUs

▣ GRAPLER uses

■ Research with land use & climate change scenarios

■ New GRAPLER teaching modules being developed (led by Cayelan Carey)

- ▣ Miami/Ohio, Loyola, VTech, Wells College, SUNY New Paltz, Dundalk Institute (Ireland); Oct/Nov 17

▣ Feeding into new projects

■ NSF S&CC water quality forecast project, Jan'18

Collaborators

Matt Hipsey, UWA

Cayelan Carey, Virg Tech

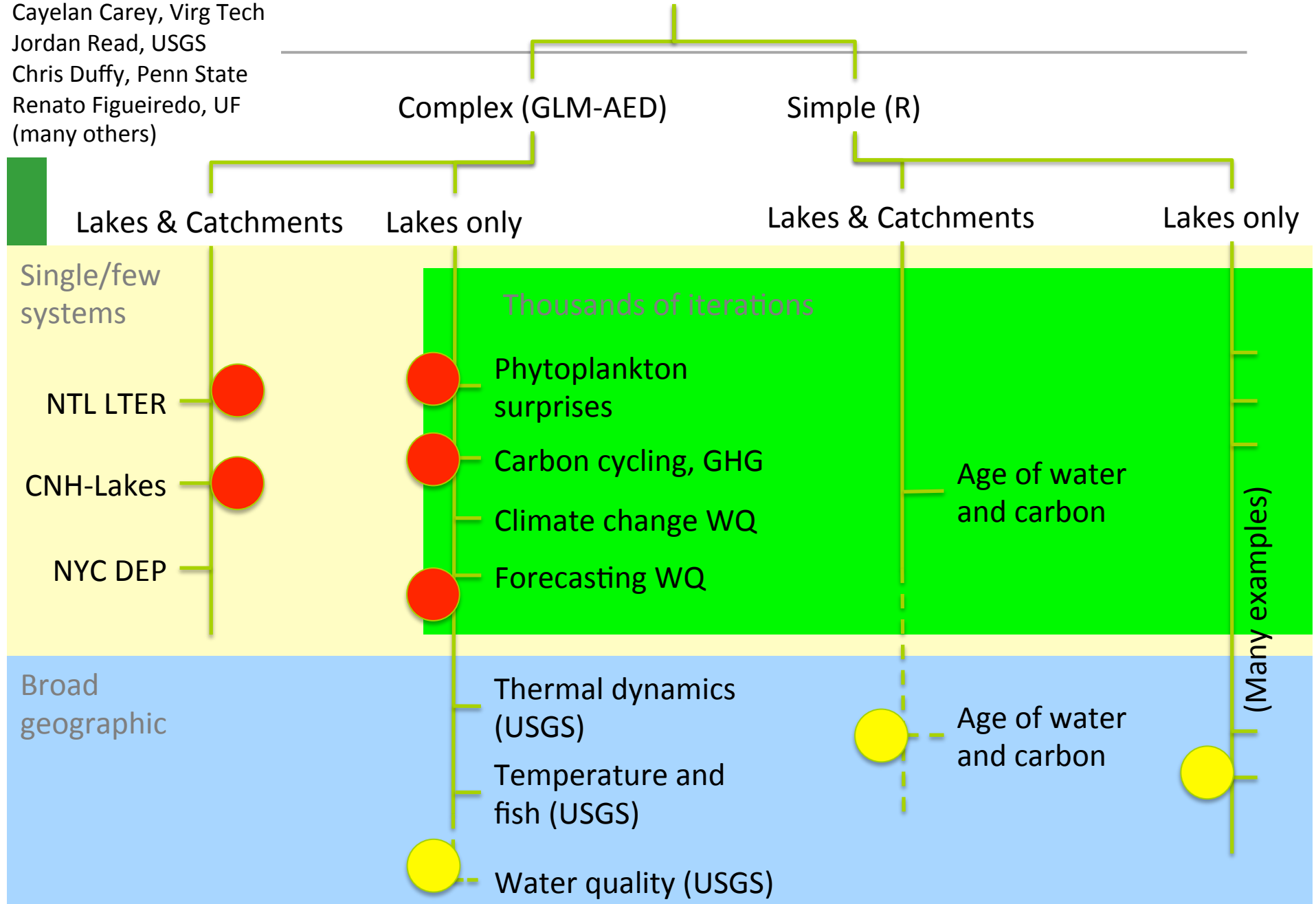
Jordan Read, USGS

Chris Duffy, Penn State

Renato Figueiredo, UF

(many others)

Taxonomy of Process Models



GRAPLER teamwork makes the dream work!



IPOP updates

- ❑ Major effort towards Fall '17 IPOP release
 - Redesign of data plane (tincan)
 - Improvements to control plane framework
 - Caught up to latest WebRTC libraries
 - Build/test/evaluation on IoT gateway devices
 - ❑ Raspberry Pi, 3G/WiFi networks
 - ❑ Driven by SCC project and future PRAGMA efforts
 - Continued work on visualization framework for overlay networks
 - ❑ Moving towards Cytoscape
 - Thanks Haga-san for the suggestion during PRAGMA-32!