ACM SF Bay: DOBE

Learn About Complex Ecological Networks Through Gaming

Dr. Illmi Yoon

SFSU

MS & PhD at USC

Sea Divided

* Topics
  + Motivations
  + Design Decisions
  + Development
* ESP Game (Image Labeling Game)
* Power of Game Players
  + Extend limitation of algorithms
* Computational Ecology
  + \*YT: Food Webs, Visualizing and Understanding
* Bioenergetic Dynamics
* Major Needs
  + Finding parameters to match empirical data to computational model
* Her class project
  + 40% female – wanted nurturing game
  + Males wanted to add an “attack” to the game