Collaborative Modeling

**simGlades.org** is a South Florida Natural Resources Center portal for research & development. It promotes continual improvement of National Park Service ecological models through communications with a larger community of users and programmers. **simGlades.org** facilitates rapid dissemination of in-development code and applications for testing, collaborative modeling, and peer-review from a broader scientific community.

**Transparency of Methods**
- Downloadable applications and full source code
- Model development workshop notes and Design Documents
- Model reports, metadata, User’s Guides, slide presentations
- Downloadable example input, parameter and output files

**Models, Applications, Tools**

**Utility:** Water Depth Estimation Routine **WaDER++**
- 2^2 miles to 500^2 meter resolution

**In progress and completed Ecological Models:**
- Design and User Docs, Applications, and Source Code

**Everglades Landscape Vegetation Succession Model (ELVeS)** layers can be utilized as a dynamic component of other Wildlife Models.

**Geospatial Data Products:** Water Depth Maps developed from real-time field data

**Utility:** Online Interactive Skewed Probability Distribution Plotting