echoSMs Workshop Agenda 7 April 2025 Reykjavik, Iceland

Co-chairs: Gavin Macaulay (gavin.macaulay@aqualyd.nz)
Michael Jech (michael.jech@noaa.gov)

GitHub Site: https://github.com/ices-tools-dev/echoSMs

Agenda

- 1. Introduction
- 2. Overview of objectives and reminder of meeting in 2024
- 3. Presentation of current progress
 - a. Overview, show code, what we have, example run(s)
- 4. Discussion on anatomical and morphological input to numerical and analytical models:
 - a. Data requirements
 - b. Data structures
 - c. Example datasets
 - d. Necessary metadata for long-term storage
 - e. Material properties (database)
- 5. Discussion on numerical models
 - a. Computational requirements
- 6. How to get input to echoSMs from others
 - a. Ways to incorporate external code in echoSMs
 - b. Repository for other scattering models? Or link to them?
 - c. Especially for more complex models...
- 7. Plans for coming year