

Gela modelling

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Tasks

- Use the GAMP as a framework
- Agree on site configuration – map, vertical profile, wind data
- Agree on source term
 - Ra-226 & U-238 & Unat, no cover
- Agree on exposure scenarios
- Agree on end points (objectives)
 - Gamma dose rate, radon, radionuclide concns in air, soil, water
- Model-model intercomparison
- Modeller-modeller intercomparison (same model)
- Agree on models to be used
 - RESRAD-ONSITE
 - RESRAD-OFFSITE
 - DOSDIM
 - ECO-LEGO models +
- Agree on how to model the effect of the retaining wall
- Set time frame

Processes

- If using RESRAD, send ROF (input files), not results – much smaller files, and can be run by all users to generate and check results
- Only one master file