Sub-model 7. Non Predatory Mobile Fauna

1. Regional to Global Drivers
- Geology
- Depth
- Wave Exposure
- Water Currents
- Climate
- Propagule Supply

2. Water Column Processes
- Primary Production
- Suspended Sediment
- Light Attenuation
- Water Chemistry & Temperature

3. Local Processes/Inputs at the Seabed
- Food sources
  - Plankton
  - Algae
  - POM
  - Detritus
  - Seabed Mobility
  - Recruitment

4. Habitat and Biological Assemblage
- Echinoderms e.g. Holothuria forskali, Echinus esculentus & Ophiothrix fragilis
- Gastropod Molluscs e.g. Gibbula cineraria & Margarites helicinus
- Crustaceans e.g. Pandalus montagui & Dexamine spinosa

5. Output Processes
- Secondary Production
- Biodeposition
- Supply of Propagules
- Control of Algal Growth

6. Local Ecosystem Functions
- Nutrient Cycling
- Food Resource
- Biogeochemical Cycling
- Biodiversity Enhancement

7. Regional to Global Ecosystem Functions
- Export of Biodiversity
- Export of Organic Matter
- Biodiversity Enhancement
- Biotope Stability

Legend
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- Medium confidence
- High confidence
- Link informed by Literature Review
- Link informed by Expert Opinion

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