

Puget Sound breakout group (1)

1. Many important needs - Ecosystems, hazards, baselines, understanding processes, SLR impacts, predictive models of coastal evolution
2. Possible prioritization: Urban areas and threatened ecosystems
3. WA DNR is the land manager, needs data, has minimal resources - should put forward budget request

Puget Sound breakout group (2)

4. Nearshore data is most important for critical ecosystem management needs, but is also hardest to collect (more time, more \$'s, different tools)
5. Seamless onshore-offshore maps (topo/bathy, habitats, geology) very important for coastal zone managers.
6. Need consensus on common standards (e.g., 2 m for bathy), products, classification schemes, etc. allowing some flexibility in interpretive products (e.g., geologic maps)

Puget Sound breakout group (3)

5. "Time stamp" of mapping data essential in dynamic nearshore zones.
7. Sea Floor mapping data for limited areas probably exists in numerous places (public agencies and private sector). Good example is sidescan data used to find derelict fishing gear. There is need to find and liberate these data, also insist that future data collection for public needs result in public domain data.

Puget Sound breakout group (4)

8. Digital data world!! Building GIS layers and making them widely available is the now and the future. Get past paper maps. Importance of standards.
9. Need to further clarify issues with Navy - data holdings and data restrictions

Puget Sound breakout group (5)

RECOMMENDATIONS

1. Seek and reach consensus on standards, resolution, map products.

2. Promoting sea floor mapping

- need strategic plan
- need business plan
- need demonstration products
- need education/outreach
- identify local constituencies (e.g., tribes) and priorities

it is more expensive not to do the mapping than to do the mapping

Puget Sound breakout group (6)

RECOMMENDATIONS

4. Present/promote to important Puget Sound Partnership, Puget Sound Nearshore Partnership. Identify other (non ecosystem-management focused) interest groups (e.g., hazard assessments) for support.
5. Develop leadership group with representatives of various state and federal agencies, academics, NGO's, etc. Develop consortium (e.g., PSLC) to monitor data collection and advertise data availability. There must be commitment to sharing data.

Puget Sound breakout group (7)

RECOMMENDATIONS

6. Explore new funding sources, such as Dept. Homeland Security, or oil-spill mitigation \$'s. EPA is getting \$20M this year for Puget Sound!!!
7. Must leverage and use all existing data (e.g., UW *Thompson* data).
8. Nearshore - fly terrestrial lidar during lowest tidal cycles.

Puget Sound breakout group (7)

RECOMMENDATIONS

9. Get Canada to do everything!