

ChungCheong Sea Grant Program





Action plan (2010-2013)

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Chungcheong Coast



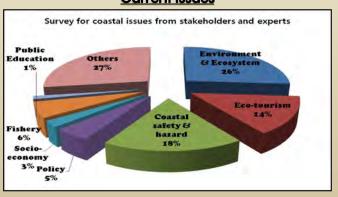
Social/economic status

- ✓ Coastline 1,225 km (10% of South Korea)
- ✓Macro tidal area (4~6m)
- ✓Tidal flat 304 km² (13%)
- ✓ Beaches (50), Dunes, Bays, Tidal flat, Estuary, Islands (259)
- ✓Submerged sand banks
- √Tourism and recreational area
- (Scenic views and Pensions)
- ✓Close to capital Seoul
- ✓ Center of seedings: fish, shrimp etc. (70%)
- ✓Bank Nursery grounds: juvenile prawn, gizzard shad and black rockfish
- ✓ Shellfish production (30%)

Coastal development & environment

- ✓ A: Taean Coastal National Park : 29 beaches, Large Sand dunes
- Open coast to the Yellow Sea
- Tourism and recreational area
- Oil pollution sites (2007): nearly recovered.
- ✓ B: Chunsu Bay: Nursery of shells, shrimp, fish etc.
- Artificial dams for reclamation
- restricted circulation & occasional hypoxic due to large freshwater
- C: Asan Bay: Trading post, Thermal power plant, Industrial complexes, Several artificial dams, Oil refineries
- Severe ecosystem damage due to pollutants, historical developments etc.
- Ship passage & safety
- ✓ D: Garolim Bay : Aquaculture at tidal flat and bay, Migratory birds
- Expected site for the construction of tidal power plant
- ✓ E: Seochun & Geum estuary: Wide tidal flat & estuary area, -
- Wide aquacultural area, Trading post, Industrial complex, Thermal power plant, Geum River dyke
- -Restricted circulation, high sedimentation at aquaculture area,
- Pollutants & Wastes from the Geum River

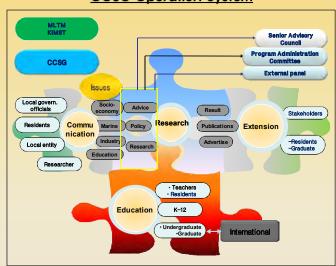
Current Issues



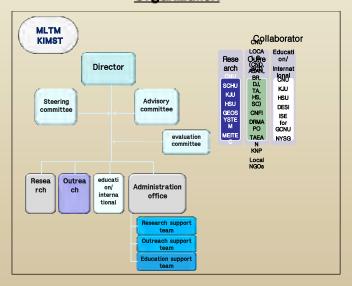
Vision & Mission



CCSG Operation System



Organization





ChungCheong Sea Grant Program





2010 Plan and activities

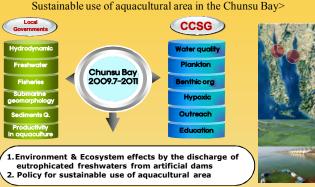
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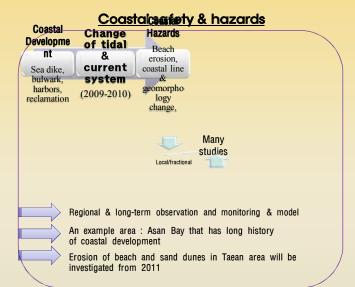
Core Theme

Environment and Ecosystem

<Estimation of environmental & ecosystem change &</p> Sustainable use of aquacultural area in the Chunsu Bay>



Research area will be moved from 2011



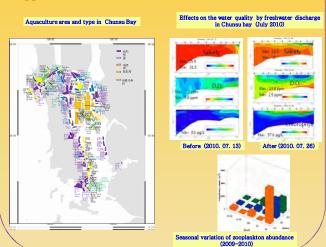
Eco-tourism & marine sports



Program-wide Functional Areas

Research & Extension

Integrated multidisciplinary researches that can be applied to current issues within core themes of CCSG



Outreach (Communication & network)

To utilize the informed public's knowledge to decide



Education



