



A study on vulnerability maps for marine environmental impact assessment

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Taeyun Kim (KEI)

Co-authors:

Junho Maeng(KEI), Eunchae Kim(KEI),

Tae-sung Kim(KRISO), Moonjin Lee(KRISO)



Research Background



Issues

Social issues and conflicts arise due to the legal ban on HNS(Hazardous Noxioux Substances) discharge into the ocean from marine industrial facilities

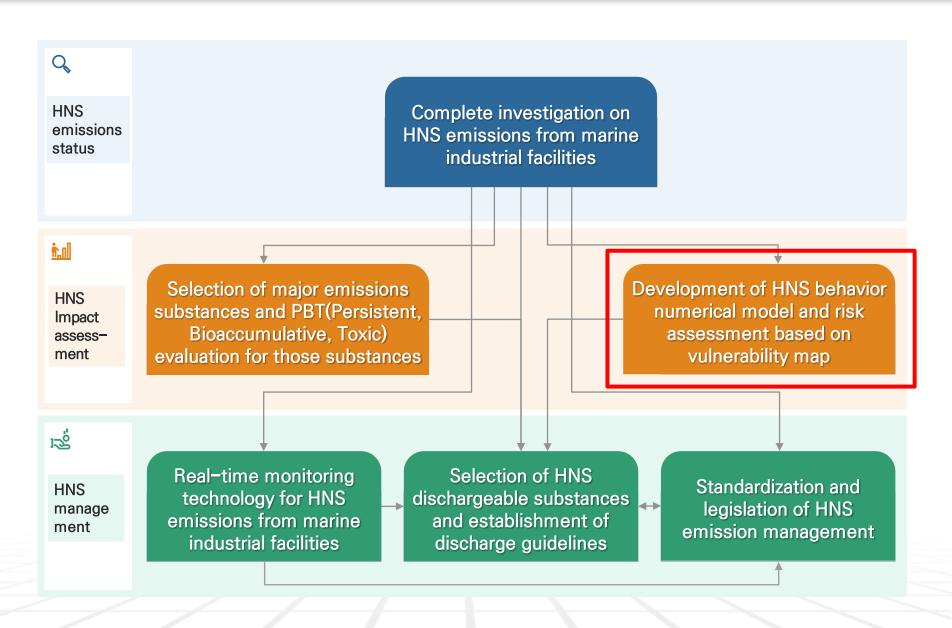
Solution

A reasonable adjustment is needed between the environmental community's demands for strong regulations and punishments and the industry's demands for deregulation to revitalize the economy



Research Contents

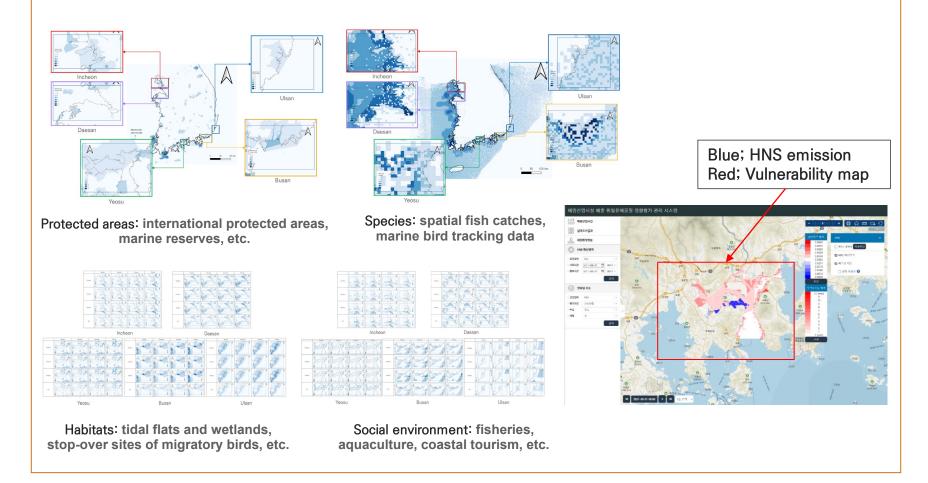




Vulnerability Maps



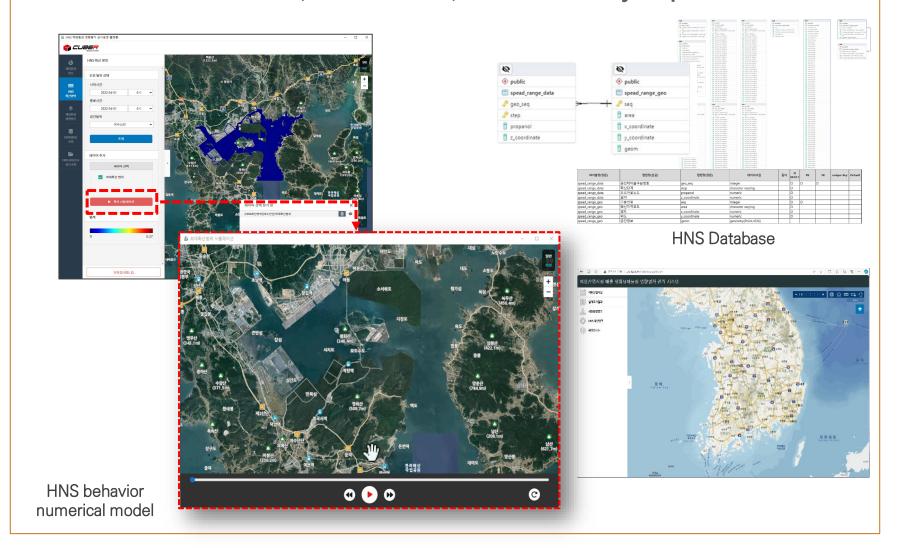
- The vulnerability map is divided into four sectors(social environment, protected areas, habitats, and species)
- Creation of vulnerability maps for five major port areas (Incheon, Pyeongtaek-Daesan, Yeosu-Gwangyang, Busan, and Ulsan)



HNS impact assessment platform



 The platform seeks to provide marine industrial facility status, marine environment information, HNS behavior, and vulnerability maps



Thank you for your attention.



