

Ecosystem-based Disaster Risk Reduction in coastal area.

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Japanese country has been highly developed along the coastal line since the World War II. But both environmental, e.g. climate change, global warming, sea level rise, extreme events, etc., and social situation, e.g. population decrease, abandoned farmland, decrease of budget, etc., made it difficult to continue to maintain these Grey Infrastructure areas. This presentation introduces the resilience of coastal sand dune area as Green Infrastructure and makes discussion about the ecosystem-based disaster risk reduction in coastal area for the future land use plan with hall.

Keywords: coastal dune, ecosystem-based disaster risk reduction, resilience, green infrastructure