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MONITORING CONCEPTS FOR COASTAL AREAS

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Abstract. Coastal areas are characterized by high spatial and temporal variab at early stages, enabling rapid countermeasures to mitigate or minimize poten becomes necessary. In this paper, we focus on two monitoring task: the an classification and mapping of habitats. Our concepts are solely based on airb information in coastal areas. For the first task, we generate a digital terrain r analyse the dynamic of an island by comparing the DTMs of different epochs v deeper understanding of the habitat composition in coastal areas, we class approach based on Conditional Random Fields. From the classified point cloud bed objects are derived afterwards. We evaluate our approaches on two

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