



The relevance of Climate adaptation platforms for floating urbanisation and nature-based solutions. Casestudy: Java, Indonesia

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There is a clear demand for a collaborative knowledge-sharing on climate adaptation and mitigation. The aim of most climate adaptation platforms is (inter)national knowledge exchange and raising awareness about climate adaptation in urban areas and promote solutions such as Nature-based solutions (NBS) and floating infrastructure. However their multiple benefits are often unknown to the wider public. During seminars (February 2020) in Indonesia climate adaptation measures were mapped and the relevance of the climate adaptation platforms such as ClimateScan was evaluated by the means of workshops and a survey. The platform ClimateScan holds now over 5000 locations in 5 main categories of climate adaptation (water, nature, agriculture, energy and people). The conclusions from the workshops in Semarang and Surabaya show high relevance scores for NBS: permeable pavement and swales; for infiltration of stormwater to groundwater; for mitigation of high temperatures with heat stress measures; and flood barriers to mitigate flooding. There were low scores for floating urbanization because this is not a culturally accepted practice in contradiction to other parts of the world. Indonesian floating infrastructure as a floating library, restaurant and airport terminal were mapped during workshops bringing the total of international floating structure locations to 150. The workshops have raised awareness among participants and contributed to capacity building by empowering the participants to map and review climate adaptation measures. A high majority see the value of climate adaptation platforms and will use it in the future.

KEYWORDS: [Climate adaptation platform](#), [ClimateScan](#), [Floating structures](#), [Nature-based Solutions](#)



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