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Document type

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Source type

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DOI

10.1007/978-981-15-4948-9_12

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Advances in 21st Century Human Settlements • Pages 203 - 228 • 2020

Local community engagement for adaptation to future challenges in the pilot flood detention area of Thailand

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Abstract

Author keywords

SciVal Topics

Funding details

Abstract

Designating flood detention areas is one of the flood risk management policies that has been implemented in the Lower Yom River Basin of Thailand since 2017. Spatial and temporal components in relation to agriculture and livelihood of people have been adjusted to fit with the policy, including rescheduling water allocation and growing seasons, as well as promoting fishing and additional jobs during the period of seasonal floods. The forecasted flood risk model and households' perceptions regarding the land use, identified these adjustments as responsible to increase challenges for managing flood risks. This chapter explores the potential of local community engagement in reducing risks of flooding under the flood detention area policy focusing on social vulnerability. Data was gathered during 2017–2018 including five interviews of

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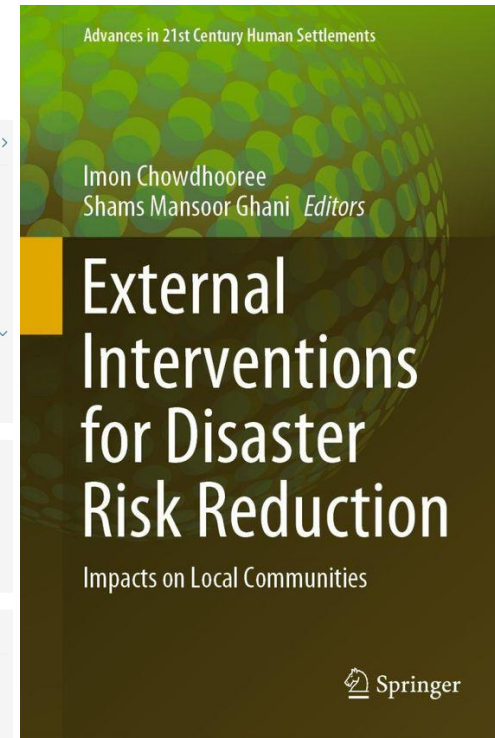
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DOI: 10.1007/978-981-15-4948-9_12

Document Type: Book Chapter

Publication Stage: Final

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