

Disaster Risk Reduction (DRR)

Risk Management Team

ICHARM



United Nations
Educational, Scientific and
Cultural Organization



International Centre for Water
Hazard and Risk Management
under the auspices of UNESCO

ユネスコ後援 水災害・リスク
マネジメント国際センター



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Risk Management Team



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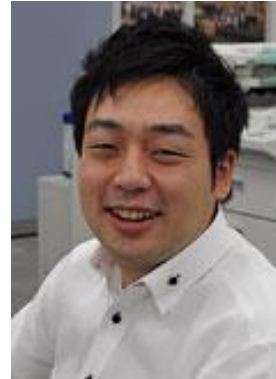
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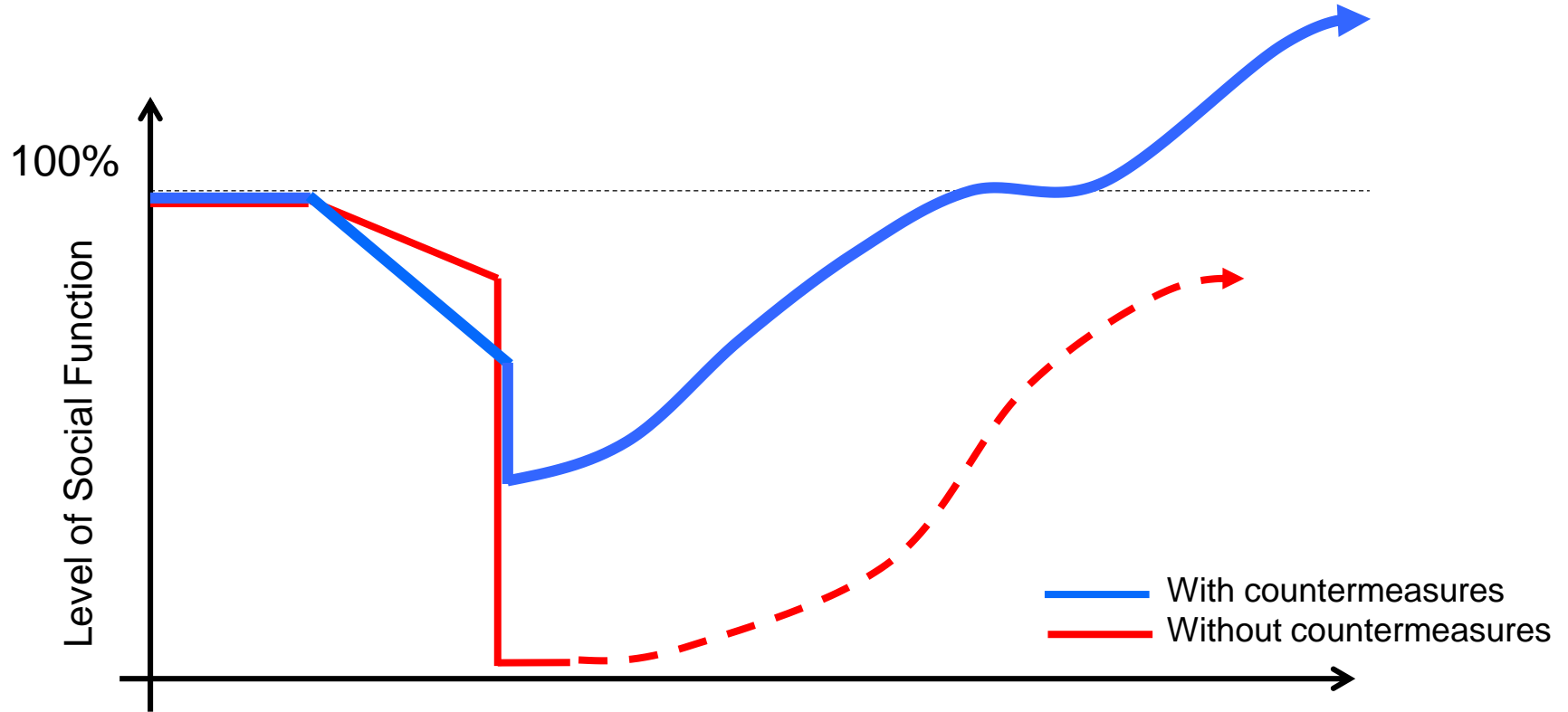


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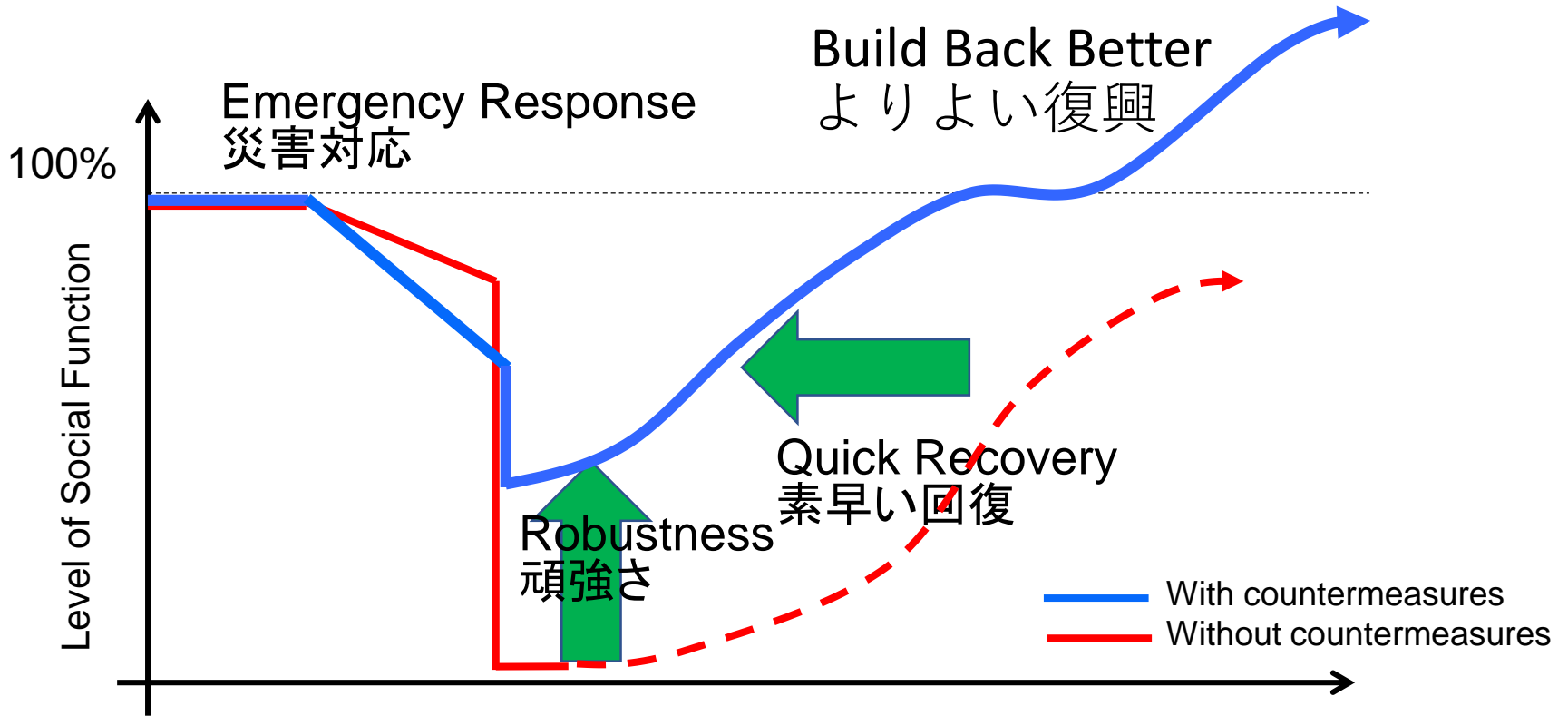
Disaster Resilience with/without countermeasures

Flood Disaster



Disaster Resilience with/without countermeasures

Flood Disaster



1. Disaster Impact Analysis
(災害影響分析)

2. Disaster Risk Assessment
(災害リスク評価)

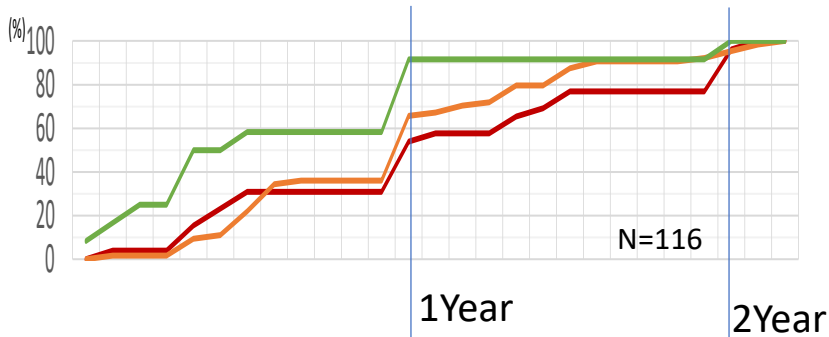
3. Risk Communication
(リスクコミュニケーション)

Disaster Impact Analysis and Risk Assessment

1. Disaster Impact Analysis (災害影響分析)

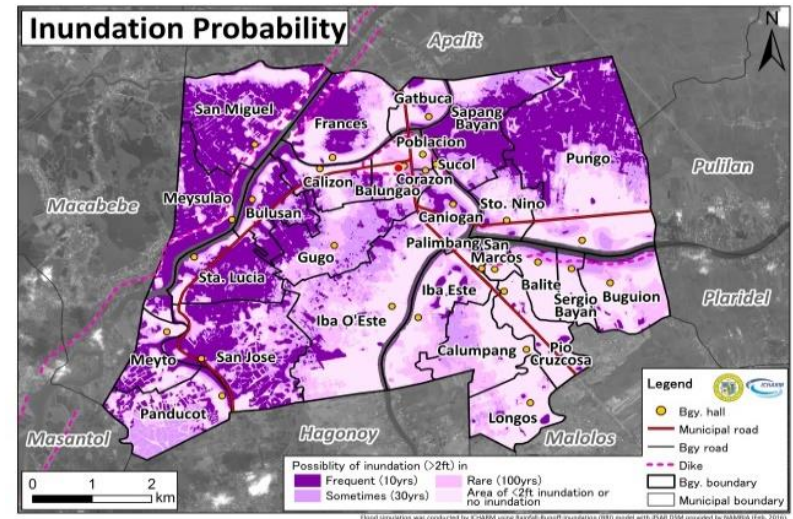
- Analysis using statistical data
- Interview/Questionnaire Survey

<Percentage of livelihood restoration in Joso City after Kinu River Flood>



2. Disaster Risk Assessment (災害リスク評価)

- Risk Assessment based on flood simulation



Sharing results
with local
municipality
officers



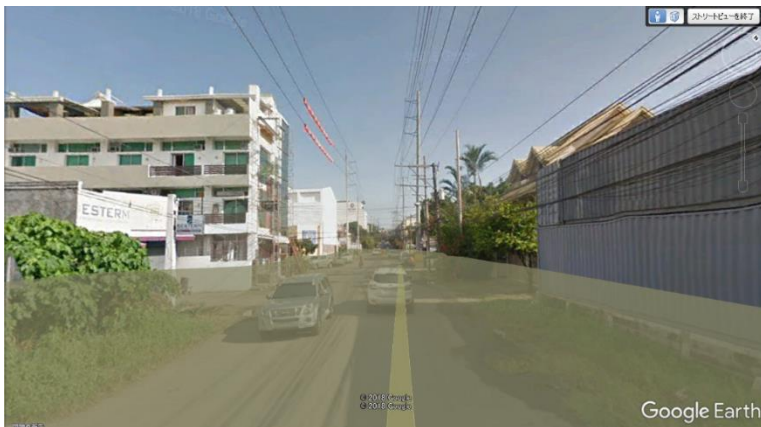
Contribution to Disaster Risk Reduction (DRR)

3. Risk Communication (リスクコミュニケーション)

-Visualization of inundation



Visualization by Virtual Reality (VR)



Visualization by Google Earth Street View

4. International Research Project (国際研究プロジェクト)

-Philippines (JICA-JST SATREPS)



-West Africa Countries (UNESCO)

