

Future climate displacement in the context Marshallese history

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PRP Webinar Series 5: Stories of Resilience, Recovery and Solutions in Contexts of Internal Displacement

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No Choice but Migration

- 100% of Bikini, Rongelap are refugees
- Internal to Rongrik, Kwajalein, Kili, Ejit
- Rongelap unsuccessful return home in 1970s

→ What did we learn?



Choose Indicators

HOW FREQUENT DOES
FLOODING NEED TO BE
BEFORE **ISLAND**
ECOSYSTEM SERVICES
SHUT DOWN?

HOW LONG DOES A
DROUGHT NEED TO BE
BEFORE **ISLAND**
ECOSYSTEM SERVICES
SHUT DOWN?

Choose Skills and Tools for Indicator Monitoring and Management



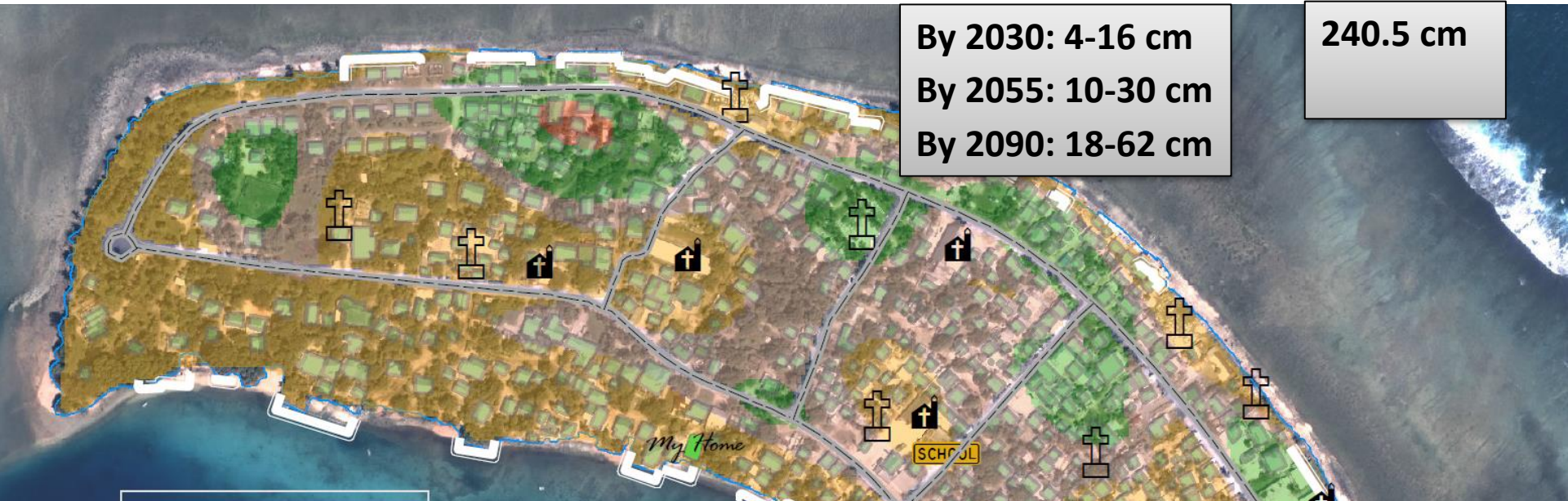
IIMM International **Infrastructure** Management Manual 2015

Service	Performance Measure
Flood/Land Drainage	<p>% Properties protected from x% return frequency events.</p> <p>% Properties affected by x% return frequency events per annum.</p> <p>Number of complaints - cost of scheme, blocked culverts and drains.</p>

Sea Level Rise + High tide

By 2030: 4-16 cm
By 2055: 10-30 cm
By 2090: 18-62 cm

240.5 cm



Sea Level Rise Extent

- 2030
- 2055
- 2090
- Max Extent
- Current Coastline
- Church
- Cemetary
- SCHOOL School
- Road
- Sea Walls

• **By 2030*:** 341 homes inundated
– 2284 people displaced: 48% of Rita

• **By 2055*:** an additional 213 homes submerged
– 1427 additional people displaced: additional 30% of Rita

• **2090*:** an additional 151 homes submerged
– 1011 additional people displaced: final 22% of Rita

*holding all other variables constant

