Understanding the Implications of Expanding Coastal Tourism

Justin W. Henceroth
Institute for Social and Environmental Transition
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Phuket
Tourism Growth in Phuket

- 2007: Not specified
- 2011: Not specified
- 2015: Not specified

Millions of Visitors
Increase in Number of Hotel Rooms

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Rooms</th>
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<tbody>
<tr>
<td>2009</td>
<td>40,000</td>
</tr>
<tr>
<td>2012</td>
<td>50,000</td>
</tr>
<tr>
<td>2017</td>
<td>60,000</td>
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</tbody>
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Growth of the Built Land (or Urban Area)

Urbanized Area

- 0%
- 5%
- 10%
- 15%
- 20%
- 25%

Year:
- 1967
- 2000
- 2007
Population Growth

Registered Residents

Non-Registered Thai

Migrant Workers
New Infrastructure and New Demands on Existing Infrastructure
The development associated with growing tourism in Phuket has led to increased urbanization.
• Population Growth
- Population Growth
- Growth of Urban Area
- Population Growth
- Growth of Urban Area
- Reliance on Systems
Urbanization and Climate Change

- Population Growth
- Growth of Urban Area
- Reliance on Systems
- More People at Risk
- More Flooding, More homes, buildings, etc. at risk
- More challenges for managing key systems
Approach to Understanding Vulnerability in Coastal Tourist Areas

Development for tourism (or urbanization) is creating new risks and vulnerabilities.

Climate change will exacerbate those risks and vulnerabilities.
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Climate change will exacerbate those risks and vulnerabilities.
Supporting Resilient Development

• Ensuring that all stakeholders have a role in shaping development visions
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• Supporting and strengthening planning processes
Coordinating and integrating management of key urban systems
Supporting Resilient Development

- Ensuring that all stakeholders have a role in shaping development visions
- Supporting and strengthening planning processes
- Coordinating and integrating management of key urban systems
- Promoting data collection, better access to data, and its use
Approach to Understanding Vulnerability in Coastal Tourist Areas

IF

Development for tourism (or urbanization) is creating new risks and vulnerabilities

AND

Climate change will exacerbate those risks and vulnerabilities

THEN

Efforts to guide, manage, and control development processes can address the risks arising from development (urbanization) and climate change
THANK YOU