

# **Mangroove: Mangrove Eco-Tourism and Community Empowerment**

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Youth Looking Beyond Disaster 5 (LBD5) Action Plan

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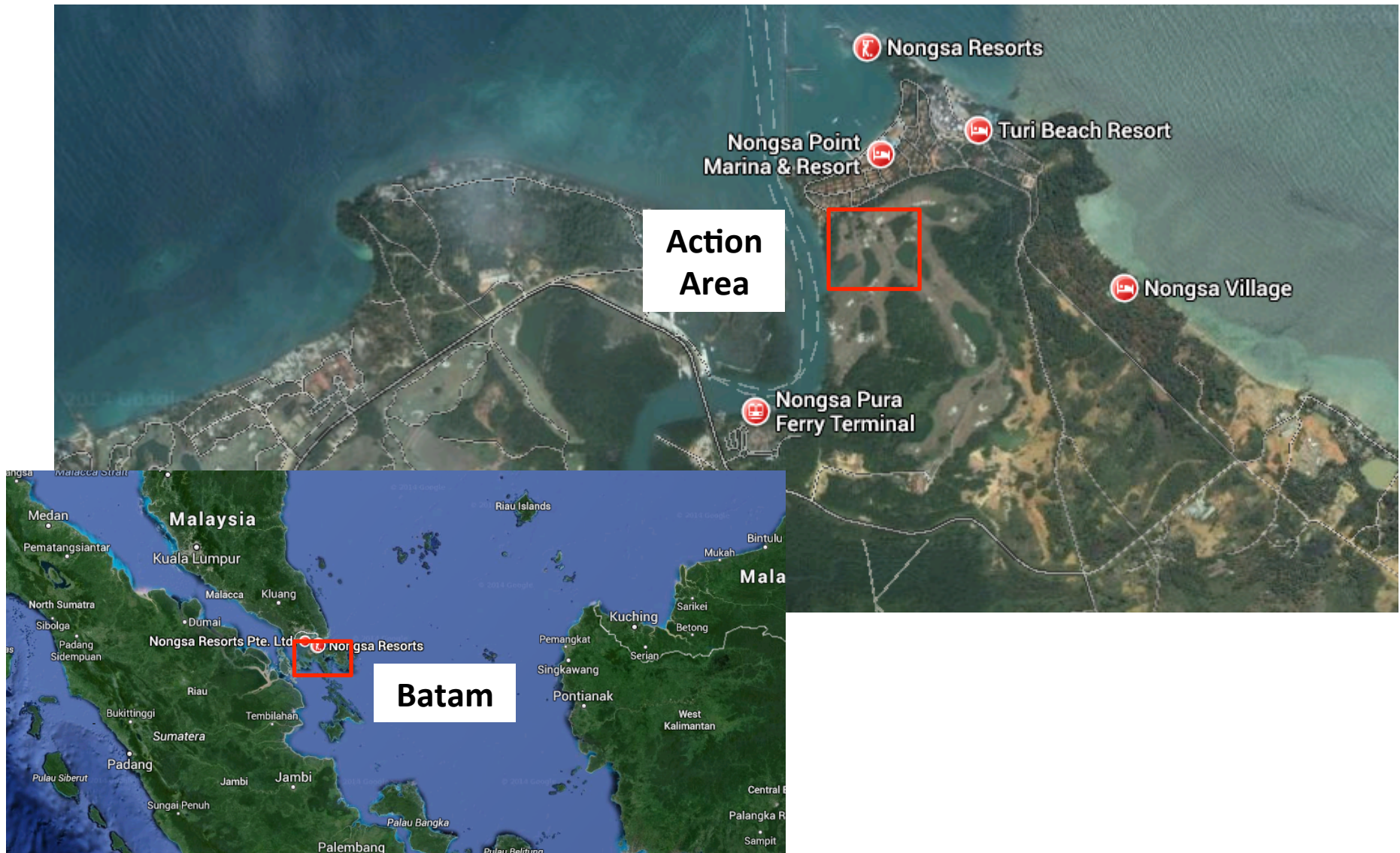




# Mangroove: Mangrove Eco-Tourism and Community Empowerment

## BACKGROUND

Indonesia > Batam > Nongsa



### SWOT ANALYSIS FOR SITE SELECTION

Strength	Weakness	Opportunities	Threats
<ul style="list-style-type: none"><li>• 2 Resorts nearby.</li></ul>	<ul style="list-style-type: none"><li>• Large areas of Mangrove sites, slowly depleting in size over the years due to increasing housing developments. Soil erosion.</li><li>• Locals in the community have difficulties looking for well paying jobs in the rural part of Batam, far and inconvenient to travel to town.</li></ul>	<ul style="list-style-type: none"><li>• More revenues coming from resorts (youths &amp; families)</li><li>• Work with resorts, to borrow boats for activities.</li></ul>	<ul style="list-style-type: none"><li>• Higher risk of disaster impact.</li><li>• Loss of biodiversity</li><li>• Locals feeling solastagia (strong attachment to natural environment)</li><li>• Vulnerable</li><li>• Affect tourism in the future.</li></ul>

# OBJECTIVES

1. To empower the community by valuing, treasuring and protecting their natural environment.
2. Promote eco-tourism to educate tourists and create more jobs for the locals.
3. Give back the natural environment and its protection to the local community.

## STRATEGIES

- Educate and raise awareness of the importance of preserving the natural mangrove sites.
- Create activities such as mangrove eco adventure trail, boat rides into mangrove forest, mangrove nursery, blue agriculture, for tourists (youths & families)

## PROJECT TIMELINE

	Oct'14	Nov'14	Dec'14	Jan'15	Feb'15
Detailed Scientific Research					
Community Interactions, expertise assessment/ working with different disciplines, sourcing of partnerships					
Phase 1: Site analysis and activities stations locations					
Phase 2: Execution of plan, building of infrastructures. Education.					
Monthly feedbacks, review & analysis for improvements.					

## MEASUREMENT & EVALUATION

- Monthly meeting/gathering of community to gather progress and analyse what to be improved.
- Surveys from visitors (local; students/families) & tourists (youths/families).



## PARTNERSHIP

Confirmed	Potential
<ul style="list-style-type: none"><li>- Yayasan Citramas (local NGO)</li></ul>	<ul style="list-style-type: none"><li>- *The Public Works Ministry, in cooperation with the Indonesian Institute of Sciences (LIPI)</li><li>- Elementary – Vocational High School (eg: Sekolah Global, Yos Sudarso Batam)</li><li>- Batam Women's Built</li></ul>

*\*Dealing with Batam Botanic Garden Project which is located near to Action Area.*

## SUSTAINABILITY

- Locals are educated on the importance of the mangrove habitat and continue educating others, empowering others.
- Hire few English speaking locals as tour guides to better converse with tourists.
- Locals to work together closely with local NGOs, ferry terminal and resorts.
- Resorts could serve as support in providing free transportations (land/sea) from resorts to eco site (vice-versa)

### BUDGET

Expenses	Amount (USD)	Sources
Building infrastructures: timber, concrete, bricks, ropes etc	\$2000	- Fundraising - Timber company - <i>Batam's Women Built</i>
Land Transportation: - Tourists  - Locals	- \$0  - \$2/pax	- <i>Turi Beach Resort</i> - <i>Nongsa Resort</i> - Entrance fee, self-pay
Water Transportation:	- \$0	- Service by Resorts
5 wooden boats	\$50 x 5 = \$250	- Fundraising - <i>Pacific Ferry</i>

### POTENTIAL SOURCE OF FUNDS

- Local partners
- Fund raising (eg: family oriented activities/games)







# ACTIVITIES

- Blue agriculture
- Mangrove nursery
- Mangrove eco trail
- Boat rides
- Café (*Warung*)







# LINKS

- Dsda: <http://heikkialanen.net/?page=photos&cat=oz#photo-4>
- Canoeing:  
[http://kayakutila.wordpress.com/2012/03/10/caribbean\\_mangrove\\_kayaking/#jp-carousel-1046](http://kayakutila.wordpress.com/2012/03/10/caribbean_mangrove_kayaking/#jp-carousel-1046)
- Sanpan boat:  
<http://vietnamtravelimage.com/wp-content/uploads/2013/11/reserve-12-can-gio.jpg>
- Mangrove planting: [http://www.mytripblog.org/action/file/download?file\\_guid=332569](http://www.mytripblog.org/action/file/download?file_guid=332569)
- Blue Agriculture:  
[http://www.klamathbucketbrigade.org/H&N\\_FishfarmingintheBasin062009.htm](http://www.klamathbucketbrigade.org/H&N_FishfarmingintheBasin062009.htm)
- Mangrove pavilion:  
<http://cocon.deviantart.com/art/Mangrove-forest-trail-66231928>
- Digital landscape:  
[http://www.west8.nl/projects/waterfronts/st\\_petersburg\\_peoples\\_pier/](http://www.west8.nl/projects/waterfronts/st_petersburg_peoples_pier/)





# Thank you!

## **CONTACT**

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