

BioRA Preparation Meeting PART 2
Siem Reap
27 – 28 March 2015



BioRA: Baseline status and trends



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Objectives



- Describe present conditions – reference point
- Describe past conditions - trends
- Exogenous baselines – absence of water-resource developments included in scenarios

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Process



For each indicator in each focus area:

1. Evaluate the current (2015) status in terms of:
 - A. Natural
 - B. Nearly natural
 - C. Moderately modified
 - D. Seriously modified
2. Identify the 5 main human-caused drivers of indicator status
3. IF 2015 = 100%, estimate % in:
 1. 1900
 2. 1950
 3. 1970
 4. 2000

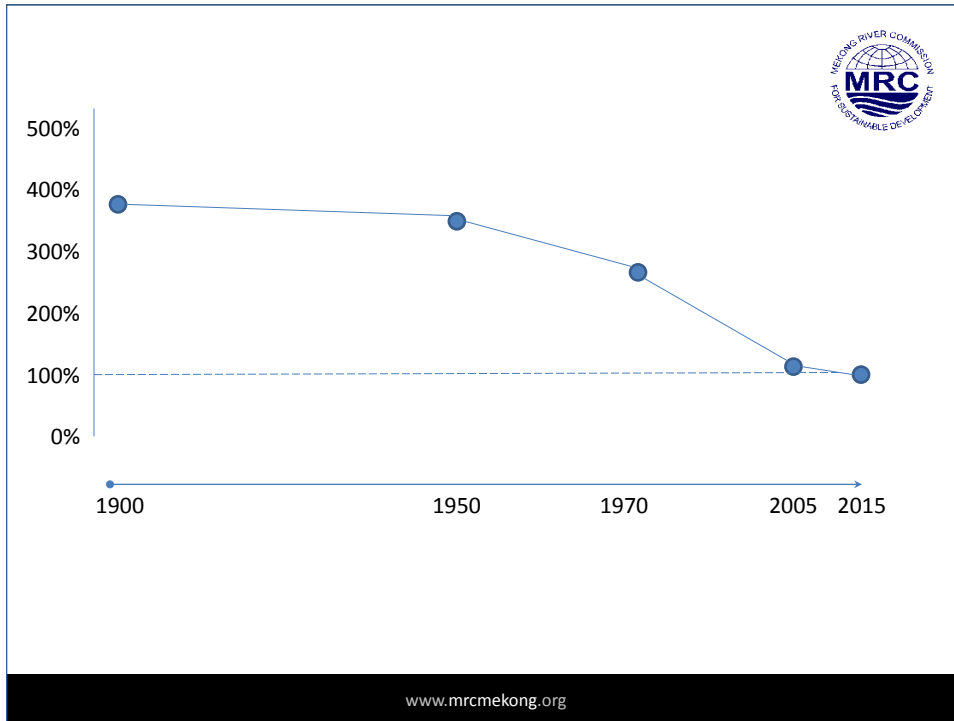
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Human-causes



- Land cover changes
- Land use changes
- In-channel barriers
- Impoundments
- Run-of-river abstractions
- Irrigation
- Urbanisation
- Bridges and roads
- Harvesting pressure
- Industrial and urban pollution
- Agricultural pollution
- Mining pollution
- Dredging
- Sediment mining
- Invasive alien species
- Climate change
- Fire frequency

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Information

- Focus areas (6-10):
 - Main stem
 - Tonle Sap River
 - Tonle Sap Great Lake
 - Delta Channel
 - Delta floodplain
- Maps
 - Land-cover/landuse
- Past surveys