Climate Change Imperatives
Adapting to Climate Change
National Executive Forum on Public Property
Winnipeg, Manitoba
29th May, 2008

Chris Corps, Asset Strategics, Moderator
Nichola Wade, Climate Change BC
Pam Kerland, Natural Resources Canada
Chris Henderson, Lumos Energy, Delphi Group
Andrew Smith, Government of Australia
Future Visioning of Local Climate Change Scenarios
Visualising How Our Communities May Change

Dr. Stephen R.J. Sheppard
Real Estate Institute of BC Conference:
Climate Change and Impacts on Real Estate, Whistler, BC. 9 November 2007
Coastal Neighbourhoods

Existing Condition

2100: Storm surge (3.48m)
BEACH GROVE

February 2006 with storm surge

Courtesy of Corp. of Delta
World Per Capita Annual Primary Energy Consumption by Fuel 1850-2006

- Nuclear
- Gas
- Oil
- Coal
- Hydro
- Wood

Renewable 11%
Non-Renewable 89%

Tonnes Oil Equivalent Per Person

Year

+757%
The Growing Gap between Production and Discovery of Regular Conventional Oil (1930-2050)

- World Discoveries Peak in 1965
- Production has Exceeded Discoveries since 1984
Campbell’s (2007) Base Case History and Forecast of World Hydrocarbon Production 1930-2100
A Shrimp vs. Mangrove Analysis: "Holistic" Value [Public Interest Value]

Source: Millennium Ecosystem Assessment; Sathirathai and Barbier 2001
Mangrove loss 'left Burma exposed'

By Mark Kinver
Science and nature reporter, BBC News

Destruction of mangrove forests in Burma left coastal areas exposed to the devastating force of the weekend’s cyclone, a top politician suggests.

ASEAN secretary-general Surin Pitsuwan said coastal developments had resulted in mangroves, which act as a natural defence against storms, being lost.

At least 22,000 people have died in the disaster, say state officials.

A study of the 2004 Asian tsunami found that areas near healthy mangroves suffered less damage and fewer deaths.

Mr Surin, speaking at a high-level meeting of the Association of South-East Asian Nations (ASEAN) in Singapore, said the combination of more people living in coastal areas and the loss of mangroves had exacerbated the tragedy.

Encroachment into mangrove forests, which used to serve as a
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