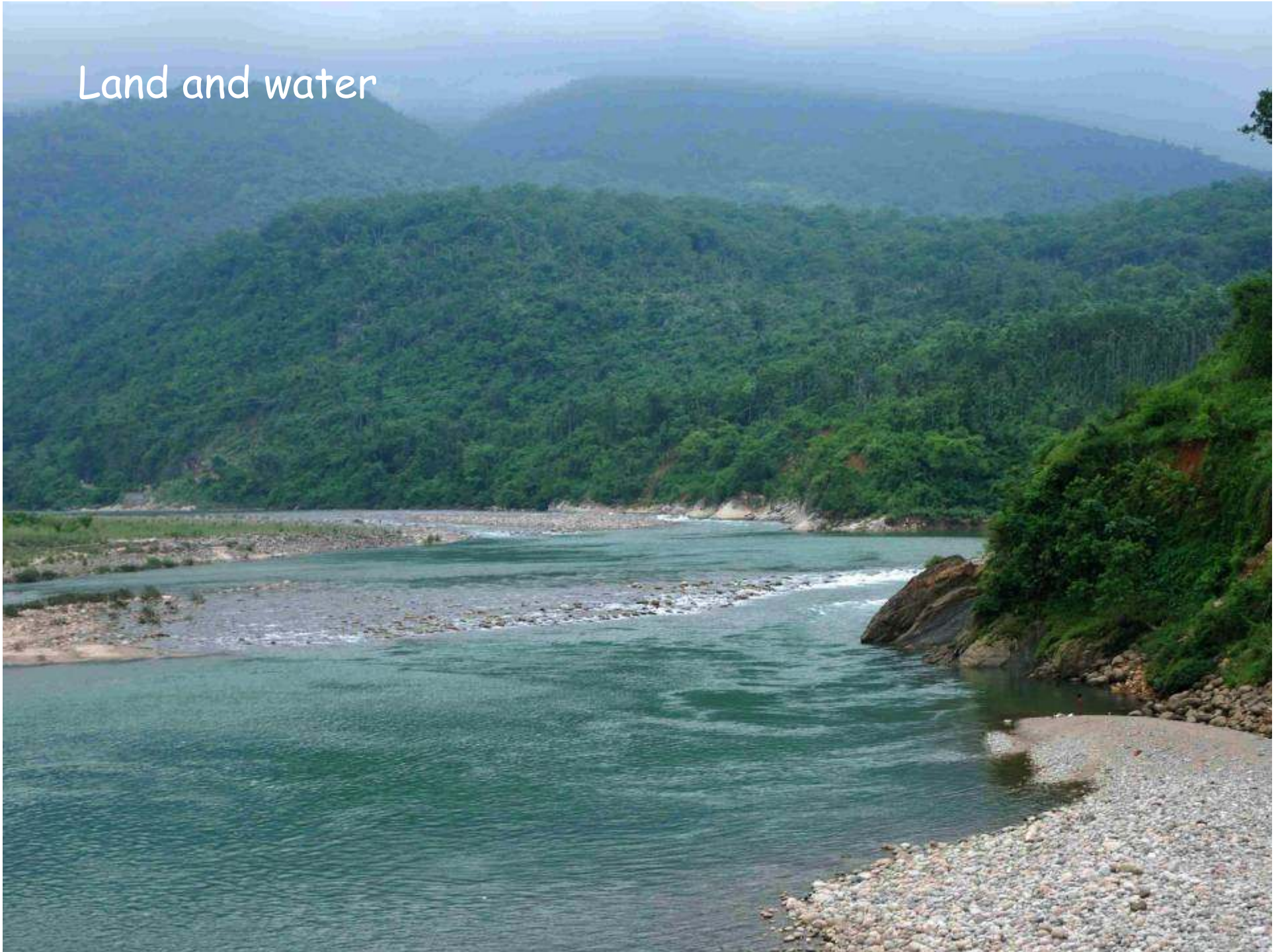




Can Nature Guide Us in Future?

Aparna Watve, Biome

Land and water



Ocean



Biodiversity



What we have created?

- Uncontrolled urbanization
- Disparity, unsustainable growth
- Mountains of waste
- Global warming
- Climate change

Understanding how ecosystems function

- Linkages between living and non-living components
- Effective cycling of resources
- Efficient Designs adapted to climatic conditions

Respect for diversity







Desiccation-tolerance

Traditional Wisdom





Modern Science

- Train biodiversity scientists
- Incorporate biodiversity and ecosystem studies in all subjects (engineering, economics, humanities)
- Research traditional knowledge and practices of sustainable management of resources

Information - Experience



Innovations based on natural phenomenon

- The Lotus effects – a wall paint which repels water (based on the lotus leaf surface design)
- Biological cell designs for energy efficiency
- Fabric, building material, recycling and recharge, paints,

..... NATURE CAN GUIDE US!