

What everyone needs to know about

Ch 4: Terrestrial and inland water systems

14 January 2011

WGII LAM1 Final Plenary

Novel features in relation to AR4

- Core emphasis is on ecosystems rather than species
- Dynamic view of ecosystems
 - Goal is to manage change, not prevent it
 - Emphasis on thresholds, limits, tipping points rather than equilibrium
- Social-ecological systems view
 - People are part of ecosystems
 - Natural and transformed ecosystems are inextricably linked within living landscapes

Landuse/landcover change

- Need for cross-chapter and cross-WG coordination to ensure that
 - Range of uncertainty in future LULC change is adequately specified
 - Suggest a fast-track synthesis and publishing exercise
 - Selection of ‘reference scenarios’ of LULC change for comparative purposes
 - Suggest interaction with the RCP/SSP gang to specify this