

UNFCCC expert meeting on socio-economic information under the Nairobi Work Programme



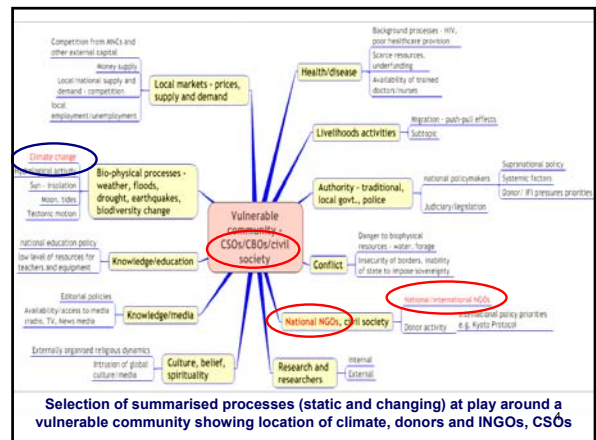
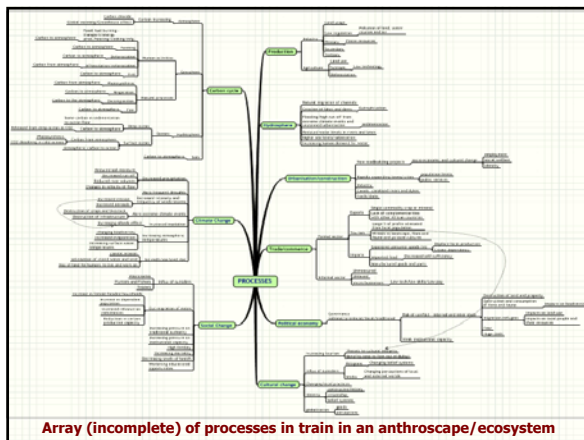
Integrating socio-economic information into impact and vulnerability assessments

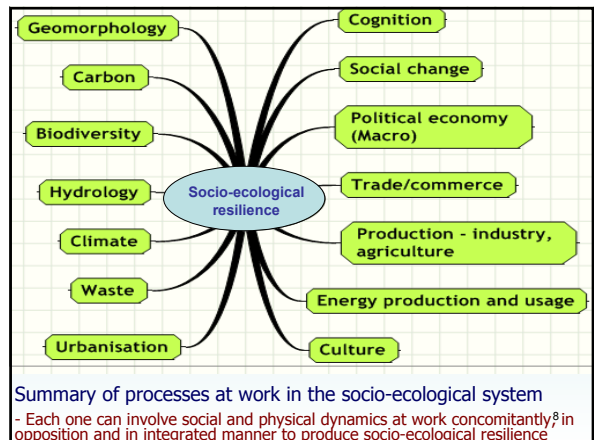
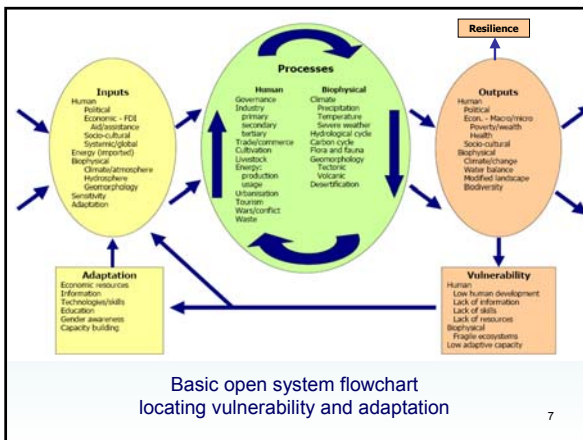
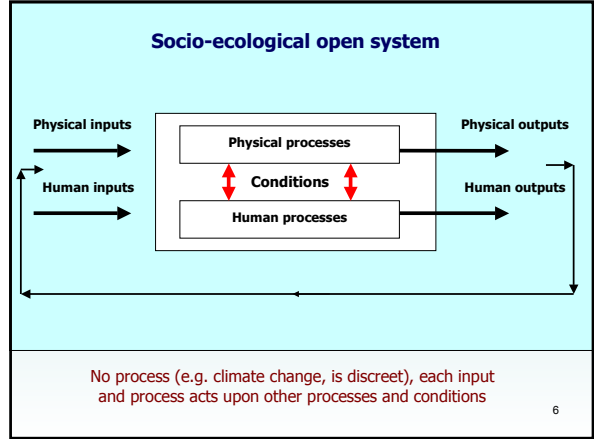
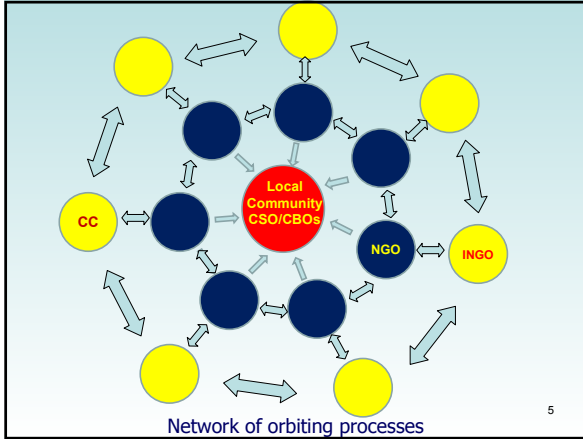
Lawrence Flint - enda-tm.

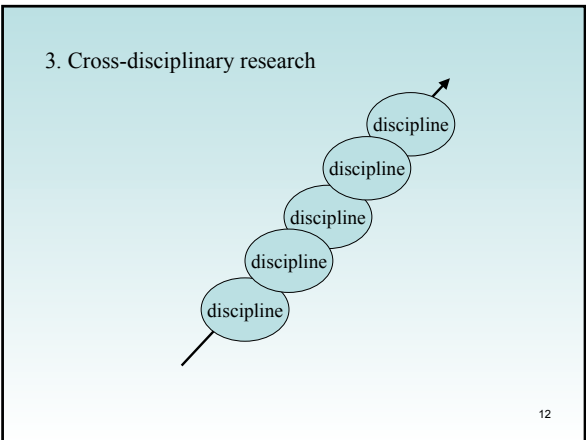
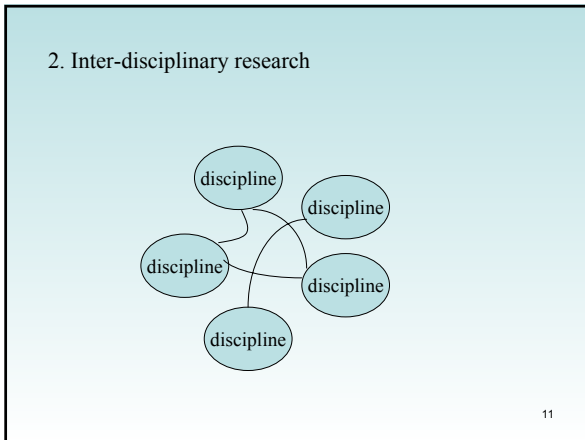
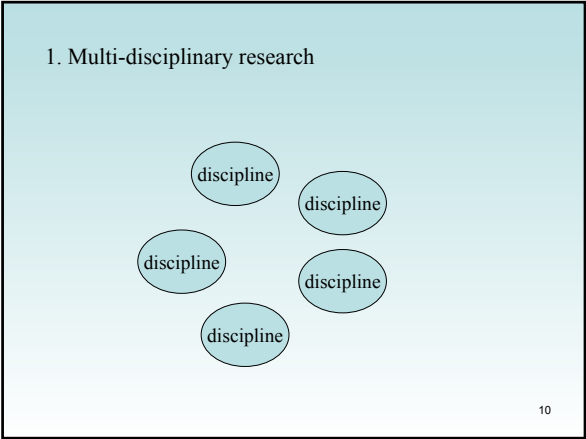
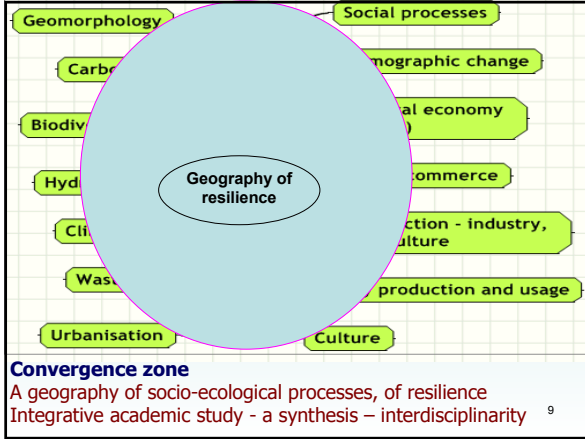
Agenda

- Flows of processes of change and information
- Notions of interdisciplinarity – socio-economic or socio-ecological?
- Typology of information, qualities and limitations
- Fields of vision – knowledge of lack of knowledge
- Integration of information
- Employment and management of information
Info-knowledge-wisdom>>utility-deployment-management

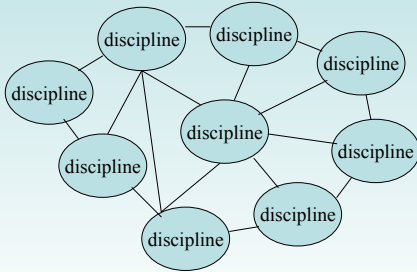
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4. Trans-disciplinary research



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Typology of information I - from basic/pure research

Quantitative/qualitative

- Statistical, documented,
- Measured, calibrated
- Relies on available info,
- Partly unreliable
- Partial¹ - agenda of writer
- Partial² - only one lens
- Objective
- Static

Examples

- Climate data
- River flows
- Harvests
- Archival info
- Govt. stats on population dynamics, livelihoods, education, health
- Econometric analysis

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Typology of information II - from empirical research

Qualitative/quantitative

- Primary
- Observed
- Physical/metaphysical
- Subjective/objective
- Scientific
- Measured
- Dynamic
- Partly reliable
- Partial¹ - agenda of author
- Partial² - only one lens

Examples

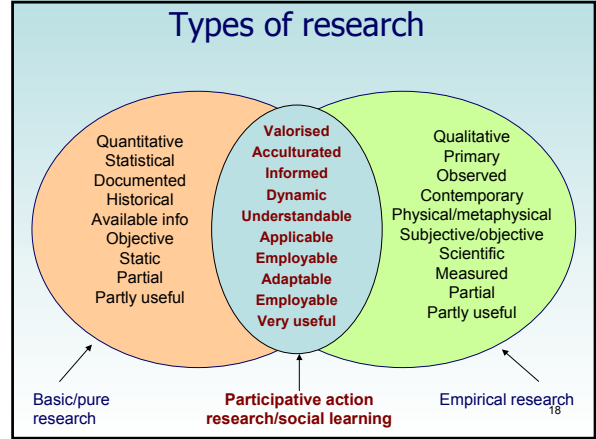
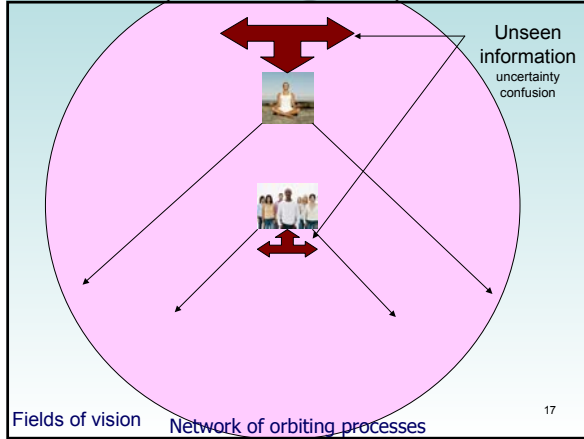
- Field research
- Exploration
- Interviews
- Surveys

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Issues concerned with information

- Value different types and sources of information
- Select what is useful from the plethora of information available depending on the user
- How much information is useful?
- Integrate the two types of information
 - Evaluate and analyse - what does it all mean? Lens?
 - Purpose: to develop **knowledge** that will be useful in risk communication, assessing vulnerability/adaptation?
- Utility of information in the process of strategising for adaptation
- Importance of envisioning what information and what mode of information gathering is missing

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Typology of information III - from participative action research

<p>Valorised</p> <ul style="list-style-type: none"> - Acculturated - Informed, holistic - Dynamic - Understandable - Applicable, seeable - Employable - Adaptable - Positivist - Partial - Very useful 	<p>Examples</p> <ul style="list-style-type: none"> - Rationality - Volition - Identity, culture - Gender profile - Memory, recall - Role of history - Belief, indigenous knowl. - The metaphysical - Morale, postcoloniality - Uncertainty, confusion - Self confidence
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Participative action research

- No one-size-fits-all methodology – prioritises social learning
- A highly flexible socio-ecological approach
 - Creating communicative space
 - Culturally aware
 - Sharing and exchanging knowledge and skills
 - Encouraging sense of local ownership
- Adopting interdisciplinary approach, valuing different scientific research methods
- Seeing action research in the 'bigger picture' - climate adaptation as synonymous with and integrated into sustainable development
- Managing information according to local understandings and aspirations - transferring ownership

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Social Learning

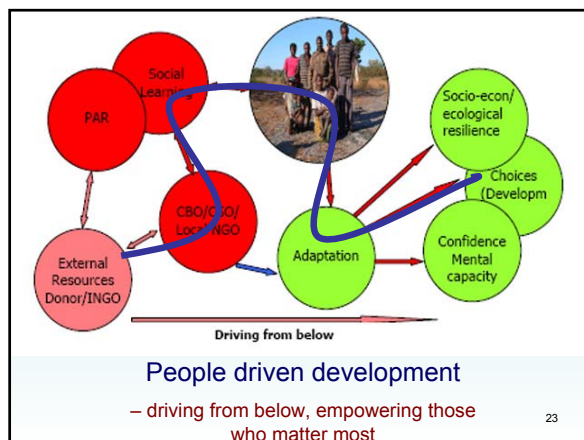
- Two-way (double loop) learning
- Feedback – reaction and counter-reaction – as a conversation
- Receiving information as an enabler to process of imparting
 - Acknowledging receipt of information
 - Respecting information received
 - Valuing
- Transferring scientific knowledge codified for local consumption and deployment
- Participation as practice
- Particularly relevant in people centred development and adaptation work

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Time and Tangibility

- 'Seeing is believing' - vulnerable populations trust what is tangible and in their purview
- Vulnerable populations tend to adopt world views that are articulated by issues affecting survival of lives and livelihoods
- Transcending the barrier between immediacy (the quotidian) and longer-term thinking and planning
- Understanding climate dynamics in vulnerable people's temporal and spatial view requires social skills
- How to make climate (as opposed to weather) visible, bring forward through
 - > association
 - > memory
 - > imagination

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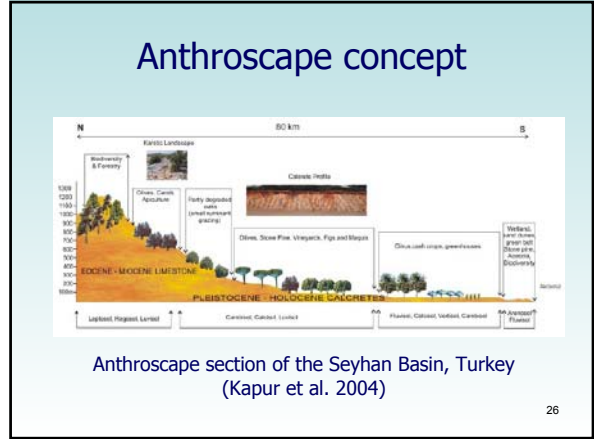
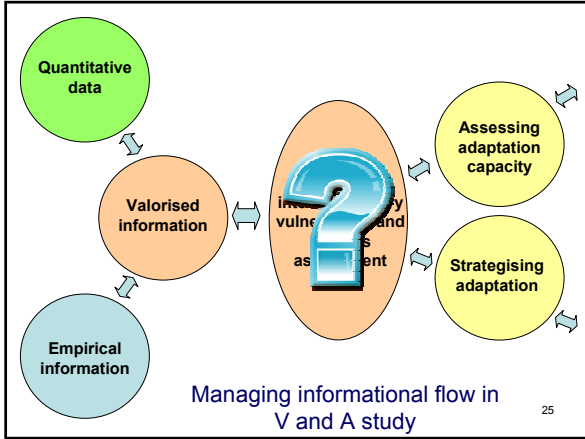


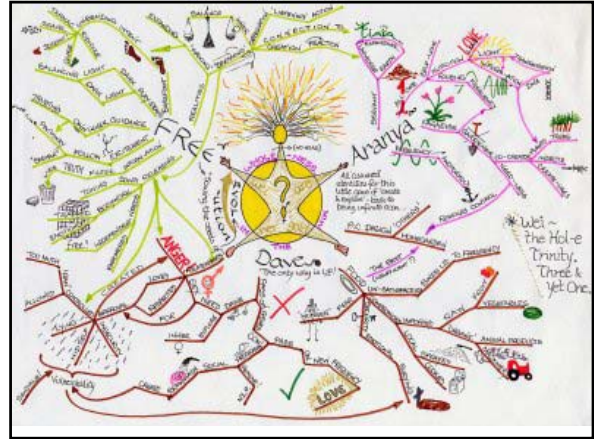
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Observations and constraints

- Many vulnerability/sensitivity indexes available, no ideal versions
- No fixed methodology
- Much information is unreliable or involves high degrees of uncertainty esp. socio-economic data
- Not easy to merge different types of data into one impacts and vulnerability analysis
- Increasing pace of climate dynamics requires timely supply of useful and accurate information to adaptation strategists,

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Other ideas for conceptualising integrated V and I assessment

- Charts
- Text – written report
- Visual imagery
- Interactive website – e.g. wikiAdapt?

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Online multifunctional platform, information, tools, data, advice, experience, case studies.

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Integrated vulnerability and impacts assessment - the Anthroscape?

- ? No perfect single way to display the social information necessary to create an ideal integrated representation of impacts and vulnerability but there may be many
- ? Requirement - factor in case-specific range of relevant biophysical, geophysical, social, economic, political and cultural factors in an integrative assessment driven and certified as useful by the affected community

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References

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