

Session 6

Assessing livestock farming functions to
sustainable development

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Methodological communications

- ES and PES for extensive LS (P.Gerber, FAO)

Farm network (C.Jousseins et al, France)

Models at landscape level (R.Poccard-Chapuis, Brazil/Africa)

Sustainability assessment method (A.Derbimba, France/Sénégal)

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Extensive livestock systems specificities

- Multi-scale approaches : ressources, impacts

Adaptation to variable environments

(biophysical, social-economics)

Various functions : global approach

Local characteristics and issues: adaptative methods

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- ES and PES in extensive LS:

Identify multifunctionality of extensive LS

Opportunity or risk ?

inequity ?

Other options ?

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- Farm network:

Knowledge on status and trends in LS

Addressing emerging issues

Return to farmers : co-construction ?

Diversity of farms ?

Imbedded in local development (partners) ?

role in innovation and/or adaptative processes ?

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- Landscape level modelling approach:

Global assessment of interactions

A complex and specific tool : Help for decision making at a regional/national level ?

Support for labels/certification ?

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- Pastoral sustainability multicriteria assessment method:

Global appraisal

Multi-scale approach

Numerous factors/processes to be selected

Adaptative methodology ?

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- Conclusion

Importance of the specificity of contexts

Multi-scale : territories

Multidisciplinary : high number and variability of criteria
depending on contexts

Spatial and temporal dynamics to be assessed

Need for generic approaches or tailored methods ?