Ecosystem Services in smallholder production systems in Western Zambia

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Study site: Barotse floodplain, Western Province - Zambia
Flood pulse system
Ecosystem services provided in the landscape from the perspective of local communities
Trade-offs between ecosystem services

Natural vegetation

Cropped
Access to ecosystem services: accounting for spatial dynamics

Landsat image: June 12, 2014
Path 175- Row 071
Seasonal consumption of food groups in adults

Mapungu (upland 1)
Nalitoya (upland 2)
Lealui (lowland)

Hunger season

Fish Ban
Rainy season
Cold months
Hot months

Seasonal Patterns: environment
Seasonal Patterns: nutrition

Access to ecosystem services: accounting for temporal dynamics
Putting diversity on the plate
Bioversityvideo
3 months ago • 227 views
In this film, local people from the Barotse Floodplain, Zambia explain why a diversified diet is important and outline how ...

https://www.youtube.com/watch?v=eUbotq1d8dI

Cooking together in Zambia – local nutrition groups work together to diversify family diets
Bioversityvideo
3 months ago • 716 views
In this short film, local people and field scientists from the Barotse Floodplain, Zambia explore the potential for local nutrition ...

https://www.youtube.com/watch?v=2KIYXiofBWY
Thank you

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