



OCP Policy Center Conference series

Nexus meets crisis: Some considerations on water, food and energy in Darfur

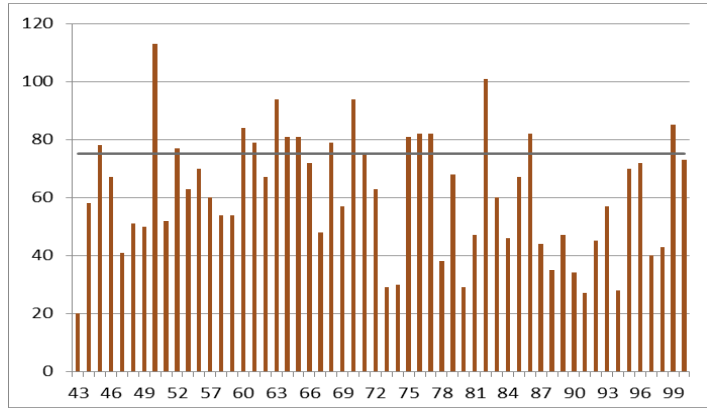
Brendan Bromwich

11-13 June 2014

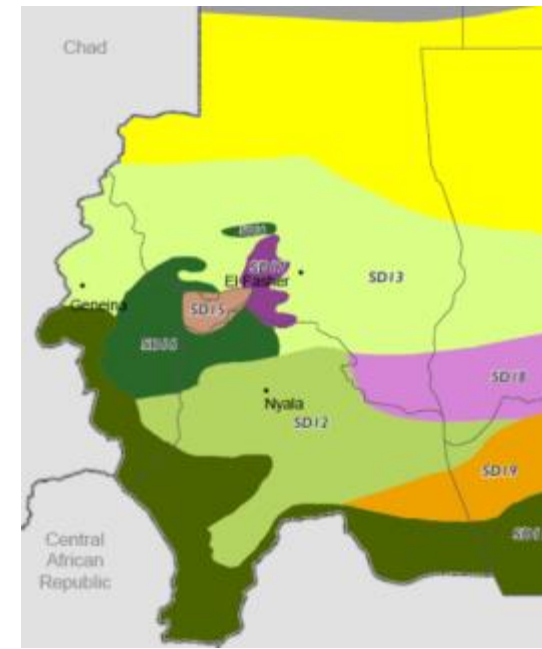
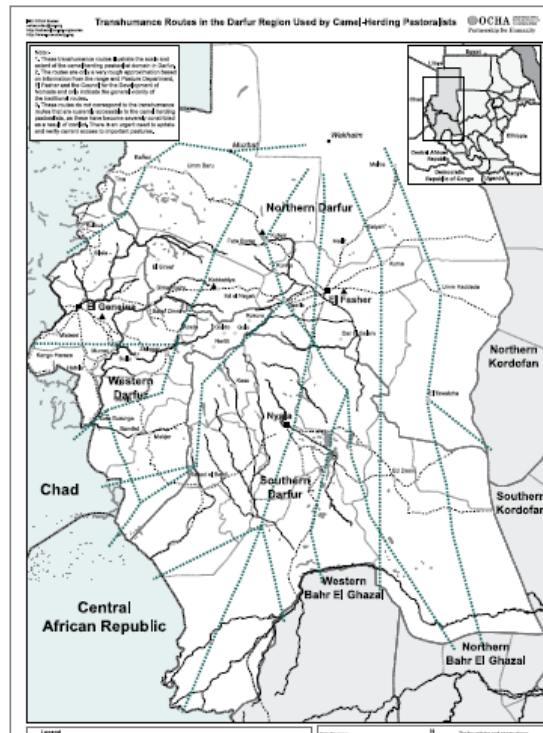
1. Variability

- Natural resources
- Livelihoods

Camel migration routes (Young et al. 2009)

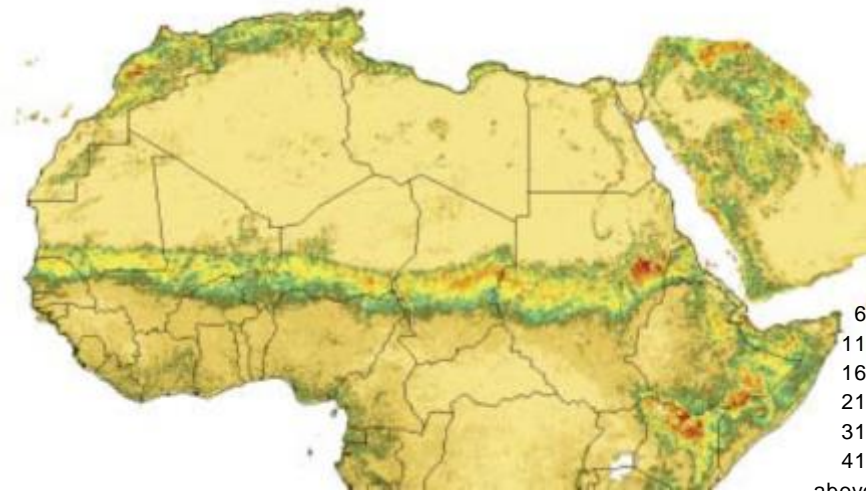


Length of rainy season for millet growth, El Fasher (UNEP 2014a)



SD 04	West and Central Pastoral
SD 11	Rainfed Sorghum Belt
SD 12	Western Agropastoral Millet and Groundnuts
SD 13	Western Agropastoral Millet
SD 15	Jebel Marra Mixed Highland Cultivation
SD 16	Western Wadi Cultivation
SD 17	North Darfur Tobacco
SD 18	North Kordofan Gum Arabic Belt
SD 19	Cattle Dominant Agropastoral

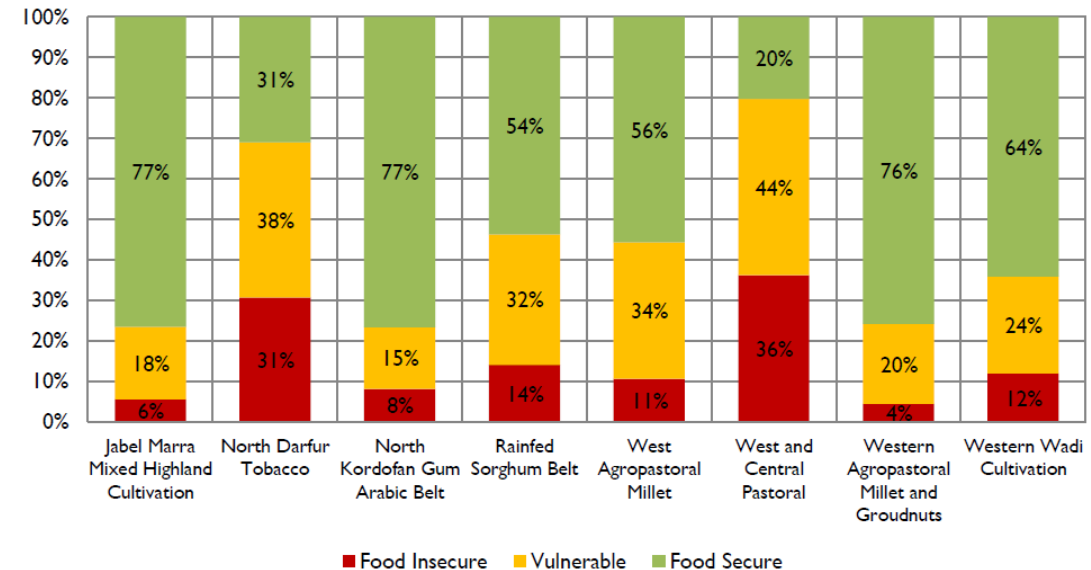
Darfur livelihood zones (USAID/FEWSNET 2011)



Variability in Annual Maximum NDVI (WFP in Tearfund 2007)



Wadi cultivation North Darfur (UNEP 2013)



Food security by livelihood zone (WFP 2014)

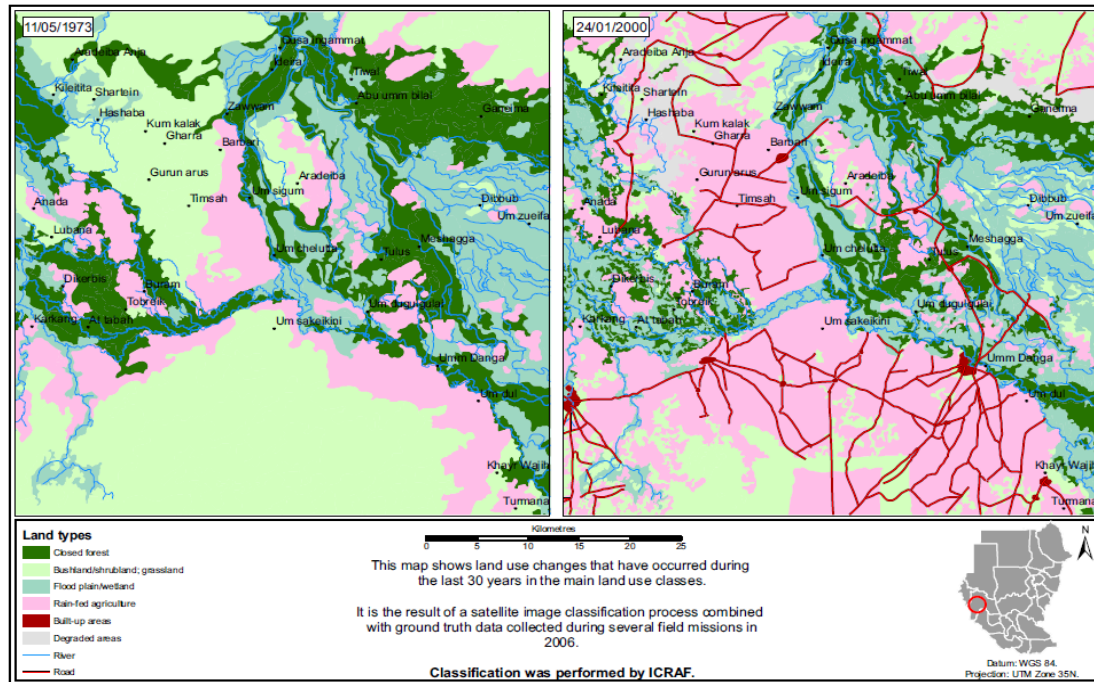
2. Conflict and Governance

- 3 levels of conflict
- Conflict and failing governance: impact both ways

Cattle migration. (UNEP 2013, Photo Council for Development of Nomads)



Damaged trees. Customary governance undermined in conflict (UNEP 2008)



Changing land use, Um Chaloota (ICRAF in UNEP 2007)

Levels of conflict	Reconciliation processes
Regional conflict <ul style="list-style-type: none"> • Central African Republic, Chad, Libya, Sudan, South Sudan, Uganda 	<ul style="list-style-type: none"> • Bilateral international relations, African Union, UN, IGAD
National conflict <ul style="list-style-type: none"> • Government of Sudan • Rebel Movements • Militia 	<ul style="list-style-type: none"> • Darfur Peace Agreement 2008 • Doha Document for Peace in Darfur 2011 • UN / AU Political Affairs
Local conflict <ul style="list-style-type: none"> • Tribal groups • Militia 	<ul style="list-style-type: none"> • Local reconciliation processes • UNAMID Civil Affairs • Civil society

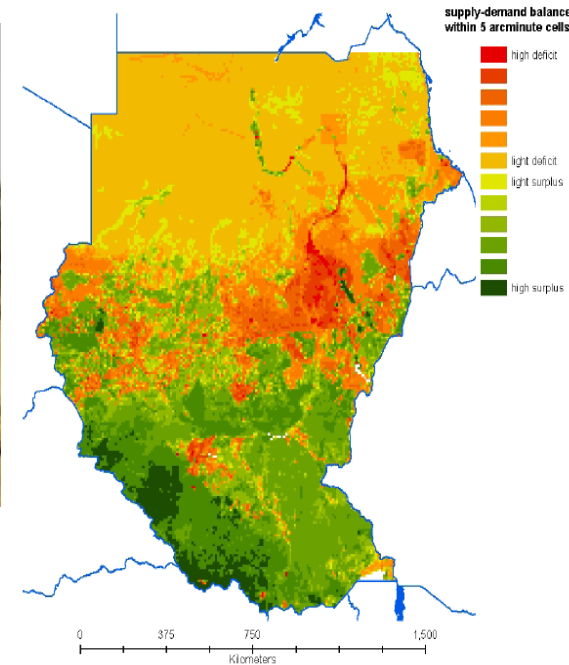
Three levels of conflict (UNEP 2014c, Bromwich 2008)

3. Responding to the impacts of conflict

- Crisis livelihoods
- Intended and unintended impacts of the international response



Timber use, Khasab IDP Camp (Tearfund 2007)



Woodfuel balance (FAO 2005)



Water resource monitoring, Al Salaam IDP camp. (UNEP 2014c / Photo: Oxfam)



Brickmaking, Nyala (UNEP 2008)

	Pre-conflict	2008
Rent (first class housing)	150-200SDG	2000-3000SDG
Rent (Second class housing)	75-100 SDG	400-500SDG
Nr bricks taxed	9.0M	82.6M
Nr Saw mills	10	17
Nr Carpentry shops	65	120

Changes in the housing and furnishing markets impacting timber demand in Geneina pre-conflict and 2008 (UNEP 2008)

4. Nexus, humanitarian responses and post conflict recovery

- Nexus thinking informing humanitarian practice – what are the obstacles?
- Rebuilding governance to manage the nexus and for peace: 2 tracks +
- Government coordination



Trade: livelihoods and collaboration (UNEP 2014b)



Participatory natural resource management as part of Refugee camp management (ProAct 2013)

New construction technology promoted within the humanitarian programme for long term benefits. (UNEP 2008)



Darfur – South Africa IWRM study tour – Developing a shared vision for new forms of governance (UNEP 2014c)

References

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