

**ERC 190GS**  
**Socio-Economic Development and Sustainability in Zambia**  
**Mon, July 2 – Fri, August 4 2018.**  
**[Draft syllabus]**

**Schedule**

**Saturday 21 July:** Depart Cape Town/Arrive in Livingstone, Zambia

**Sunday 22 July:** Orientation by Greenpop staff

A general introduction to the program, with an emphasis on the respectful enjoyment of Zambia's culture and history.

*Reading:*

- Julius Ihonvbere, "Dismantling a discredited one-party regime: populism and political liberalization in Zambia", in Julius O. Ihonvbere and John Mukum Mbaku, Political liberalization and democratization in Africa. (Praeger, 2013)

**Monday 23 July:** Community-based participatory research (CBPR) and Ecotourism  
CBPAR is premised on the view that research involves multiple constituencies, perspectives and interests and that these may not always be congruent. It acknowledges the importance of collaborative experimentation and knowledge-generation within specific contexts and contends that local communities are co-owners of knowledge that is generated through research. Analogously, eco-tourism promotes responsible travel that consciously conserves the local environment, is respectful of peoples' dignity and aims to improve the well-being of local communities.

*Reading:*

- Nathalis G Wamba, "The challenges of participation in doing community-based participatory action research: lessons from the Kwithu Project", Action Research, 15, 2 (2017): 198-213.
- Paul Mapfumo et al, "Participatory action research (PAR) as an entry point for supporting climate change adaptation by smallholder farmers in Africa", Environmental Development, 5 (2013): 6-22.
- Editors, "Capacity building for climate change risk management in Africa: encouraging and enabling research for informed decision-making", Environmental Development, 5(2013): 1-5.

**Tuesday 24 July: Workshop on farmer-managed natural regeneration (FMNR)**

"Farmer Managed Natural Regeneration is a low-cost land restoration technique used to combat poverty and hunger amongst poor subsistence farmers by increasing food and timber production and resilience to climate extremes" - Greenpop

*Reading:*

- <https://greenpop.org/farmer-managed-natural-regeneration-fmnr/>
- Agnes Andersson Djurfeldtand and Ellen Hillbom, “Pro-poor agricultural growth – Inclusion or differentiation? Village level perspectives from Zambia”, Geoforum 75 (2016) 220–233

**Wednesday 25 July: Visit to a charcoal kiln in the Miombo Woodlands**

Visit to a charcoal kiln in the local woodlands to learn about the economic and social context behind deforestation in Zambia. (Led by Benjamin Mbenge, Greenpop Zambia’s Director of Trees)

- *Reading*  
Werner L Kutsch et al., “The charcoal trap: Miombo forests and the energy needs of people,” Carbon Balance Management, 6, 5 (2011)
- Brian P. Mulenga et al, “Rural households’ participation in charcoal production in Zambia: does agricultural productivity play a role?” Journal of Forest Economics, 26 (2017): 56-62.

**Thursday 26 July: Eco-education and tree planting day at a local school**

Students will participate in an eco-education workshop at a local school and learn about seed germination and the production of eco-bricks. Working with schoolgoers, they will also plant indigenous trees.

*Reading:*

- Douglass F. Jacobs et al., “Restoring forests: What constitutes success in the twenty-first century?” New Forests (2015) 46:601–614
- E.N. Chidumayo, “Forest degradation and recovery in a Miombo woodland landscape in Zambia: 22 years of observations on permanent sample plots”, Forest Ecology and Management, 291 (2013): 154-161

**Friday 27 July: Volunteer at local school**

Arrangements pending

*Reading:*

- Jeongmin Lee and Stephanie Simmons Zuilkowski, “‘Making do’: Teachers' coping strategies for dealing with textbook shortages in urban Zambia,” Teaching and Teacher Education, 48 (2015): 117-128.
- Taeko Okitsua and D. Brent Edwards Jr., “Policy promise and the reality of community involvement in school-based management in Zambia: Can the rural poor hold schools and

teachers to account?" International Journal of Educational Development, 56 (Sept., 2017): 28-41

**Saturday 28 July:** Write 1<sup>st</sup> essay + Optional activities

**Sunday 29 July:** Optional activities + Optional activities

**Monday 30 July: Beekeeping and the disappearance of bees**

The science of beekeeping and its importance to biodiversity, hosted by a Zambian beekeeping expert. Emphasizes the importance of bees and pollination for biodiversity and the growing importance of beekeeping in the Zambian economy.

Readings:

- <https://www.youtube.com/watch?v=wfDo2iWUrUE>
- Forest Livelihood Briefs, "Beekeeping in Zambia," 7, (Feb. 2007)

**Tuesday 31 July: Introduction to Natural Building**

Using natural and upcycled materials to construct dwellings that are appropriate to conditions in Zambia. Includes a field trip to a natural building structure in Livingstone that was constructed by Greenpop.

**Wednesday 1 August:** Optional activities

**Thursday 2 August:** Volunteer at local school  
Arrangements pending.

**Friday 3 August:** 2<sup>nd</sup> essay

**Saturday 4 August:** Departure