

Mr. Abdi Zeila



Name: Mr. Abdi Zeila
Position: Tutorial Fellow
Department: Land and Water Management
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Short biography: Abdi Zeila, a tutorial fellow at Embu University College, aged 35 years, is an environmental scientist with nine years' experience in environment and development, specializing in climate change practice and policy, adaptation, mitigation, resilience and low carbon development; agriculture, and integrated soil fertility management. His specific expertise lies in community- and ecosystem-based climate change adaptation. His skills include project and program development, community-driven development, monitoring and evaluation ranging from small to large scale projects, and smallholder farmer development.

Abdi is also a GIS/remote sensing expert with extensive knowledge of application of geographic information systems (GIS) and remote sensing (RS) software including ESRI ArcGIS, ArcView, PC Arc/Info, Geo-VIS, ErDAS Imagine and Idrisi; ArcGIS Server. He is experienced in spatial data planning and GIS project development, implementation and management at micro and macro levels.

Papers published:

Bashir Jama, Rebbie Harawa, Abednego Kiwia, Marie Rarieya, David Kimani, and **Abdi Zeila** (2013) *Improving Soil Health in Africa: Challenges and Promising Solutions African in African Agriculture Status Report*

Abdi Zeila (2012) "Doubling the yield with Lime: Farmers in Nyamagabe singing all the way to the market!" [impact story filed from Rwanda, available at http://shp.agra-alliance.org/index.php?option=com_content&view=article&id=112%3Adoubling-the-yield-with-lime-farmers-in-nyamagabe-singing-all-the-way-to-the-market&catid=1%3Alatest-news&Itemid=50] [AGRA impact story, April 2011]

Abdi Zeila (2012) "Charting the Heights of Food Security in Mozambique: a story of success from Gorongossa" [impact story field from Mozambique for AGRA, December 2010]

Abdi Zeila (2011) *Characterization and Impact Scoping of Soil Health Projects in Africa: the case of AGRA SHP investments* SHP Technical Report

Bashir Jama, Abednego Kiwia, James Mutegi, Rebbie Harawa and **Abdi Zeila** (2011) *Adapting to climate change and variability: adaptation lessons for Africa* Occasional Paper, SHP

Abdi Zeila (2010) "Use of Landsat satellite imagery in mapping and monitoring the spread of the invasive alien species *Prosopis juliflora* in Garissa district, Kenya" [MSc thesis for award of Master of Environmental Science, Kenyatta University]

Abdi Zeila (2009) *Managing the Prosopis menace in drylands of Kenya: issues, options and challenges* CSDI Working Paper, Nairobi, co-authored with Dr Bashir Jama (UN Millennium Project, USA), Dr Steve Anyango (Kenyatta University) and George Aike (ICRAF), 2008]

Bashir Jama and **Abdi Zeila** (2005) *Agroforestry in the drylands of eastern Africa: A call to action* [ICRAF Booklet, Nairobi]

Abdi Zeila (2005) “Rapid survey of mango production and marketing in Garissa, Tana River and Baringo districts” [ICRAF Working Paper, Nairobi, March 2005]

Abdi Zeila (2005) *An Agroforestry Strategy Paper for Land Rehabilitation and Improved Livelihoods in the Arid and Semiarid Lands of Kenya* ICRAF Technical Report

Abdi Zeila (2004) *Land Reform in Kenya: Implications for Dryland Kenya* ICRAF Technical report, Nairobi

Abdi Zeila (2004) “Rebuilding Somalia: The Role of Agroforestry in Sustainable Socio-Economic Development” Paper presented to European Commission Experts’ Consultation Workshop on Somalia, Windsor Golf and Country Club, 23rd to 26th November 2004

Abdi Zeila (2004) *Achieving Food Security in the Greater Horn of Africa: The Role of Agroforestry* Technical Paper presented at the Jomo Kenyatta University’s Institute for Human Resource Development Workshop, 18th to 19th November 2004

The Northern Herald, a publication of Northern University Students’ Association [Managing Editor]

Abdi Zeila (2003) “The Implications of the Process of Desertification on the Urban Environment in Kenya’s Rangelands: The Case of Garissa Municipality” [an undergraduate dissertation presented to the School of Pure and Applied Sciences, Kenyatta University, April 2003; 75pp, unpublished]