

# Herman Njoroge Chege

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## Education

- **Chinese Academy of Sciences - IHB** Wuhan, China  
*PhD in Evolutionary Biology; All but dissertation* Aug. 2015 – Aug. 2016
- **University of Wyoming** Laramie, USA  
*Exchange Scholar; Environmental & Natural Resource Management* Aug. 2012 – Dec. 2012
- **University of Nairobi** Nairobi, Kenya  
*Master of Science; Biology of Conservation* Sept. 2011 – June. 2014
- **University of Eastern Africa, Baraton** Kapsabet, Kenya  
*Bachelor of Science; Conservation Biology* Sept. 2007 – June. 2011
- **Mediasat Communications College** Naivasha, Kenya  
*Certificate; Information Technology* Jan. 2007 – June. 2007

## Short Courses

- Chinese Language, Climate Change and Molecular Genetics at the International College, University of Chinese Academy of Sciences, Haidian, Beijing from September 7<sup>th</sup> 2015-January 22<sup>nd</sup> 2016
- Diplome D' etudes en Langue Francaise (DELF), at the Alliance Francaise, Nairobi
- 1st African Bats Field Research Training Course, at the University of Pretoria/Meletse Bat Research and Conservation Training Centre, South Africa. 23<sup>rd</sup> Nov - 13<sup>th</sup> December 2014
- Training in the use of ARCGIS 10 for Geospatial Data Analysis and Visualization at the Nairobi National Museum, Nairobi - Kenya from the 24-25<sup>th</sup> of April 2014
- Use of R & QGIS as tools for Quantitative, Qualitative and Geospatial Data Analysis from the 25 – 28<sup>th</sup> of September 2013 at the Indian Institute of science-Bangalore, India
- Tropical Biology Association Field Course in Tropical Ecology and Conservation from 30<sup>th</sup> June - 30<sup>th</sup> July 2012 in Kibale Forest national Park, Kanyawara-Uganda
- Interdisciplinary Land Use and Natural Resource Management Experiential Field Research Course from 1<sup>st</sup> - 14<sup>th</sup> March 2012 Organized by the University of Copenhagen, Roskilde University, Wangari Maathai Institute of Peace and Environment, Green Belt Movement and the University of Nairobi in Solio Village. Nyeri District, Kenya
- North-South-South Intensive Course from 20 – 24<sup>th</sup> April 2009, organized by the Savonia University of Applied Science-Finland and UEA-Baraton focusing on water in the environment

## Work Experience

- **Chinese Academy of Sciences** Beijing/Wuhan-China  
*CAS-TWAS Presidential Fellow* Aug. 2015 – Aug. 2016
  - Presidential fellow carrying out taxonomy and evolutionary biology studies on cyprinid fish
- **International Institute for Sustainable Development (IISD)** Winnipeg, Canada  
*Associate* Dec. 2014 – Present
  - “Most authoritative reporting source for United Nations sustainable development negotiation processes”
  - Consultant responsible for digital media coverage of the Earth Negotiation Bulletin and other multi-lateral environmental negotiation meetings around the world for the UN(UNFCCC,CBD,UNEP,UNCCD,CSD), World Bank, GEF, IMF amongst other international organizations under the IISD-Reporting Services(IISDRS) unit based in New York, USA
- **National Museums of Kenya/KENWEB Project** Nairobi, Kenya  
*Associate Research Scientist* July. 2011 – Aug. 2015
  - Responsible for studies of ecosystem health using wetland dependent mammals (mesocarnivores) as indicators of overall ecosystem health.
- **Laikipia Wildlife Forum** Nanyuki, Kenya  
*Associate Scientist* July. 2011 – Aug. 2015
  - Collaborating with the wildlife program to implement community and wildlife conservation programs
- **Tulane University** New Orleans, USA  
*Field Assistant* June. 2012 – July. 2012
  - National Science Foundation funded International Research experience for Students discovery project in Kenya

## Part Time Community Engagements

- **Tropical Biology Alumni Association of Kenya** Nairobi, Kenya  
*Volunteer Country Coordinator* Sep. 2013 – Sep. 2015
  - Responsible for organizing activities for the biggest network of tropical biology professionals of more than 200 alumnus of the Tropical Biology Associations Courses in Madagascar, Kenya, Tanzania and Uganda and DRECA courses in Nigeria, Ghana, and Uganda

## Skills

**Languages:** English, Swahili and Kikuyu; Basic proficiency in French and Standard Chinese (Mandarin)

**Computer Operating Systems:** Proficiency in Windows latest OS, Linux & Mac OS operating systems

**Design Skills:** Adobe Suite CC(Photoshop, Indesign, Premiere Pro, Illustrator)

**Content Management Systems and Website Builders:** Joomla, Squarespace, Muse and Dream weaver

**Presentation softwares:** Powerpoint and Prezi

**Desktopping Softwares:** Latex and Microsoft Office Professional Suite

**Data Analysis Softwares:** R, SPSS PAST STATA,and Stat view

## People and Soft Skills

**Communication:** – Can express and interpret ideas and convey knowledge. Can also speak effectively, write concisely, listen attentively, express ideas, report information, edit, interview, and facilitate group discussion.

**Research and Planning:** – Have the ability and skills to search for specific knowledge and formulate a program for a definite course of action. Can also forecast, predict, identify issues, find alternatives, gather information, solve problems, set goals, extract information, and develop strategies

**Human Relations:** – Have the ability to apply interpersonal skills to resolve conflict, relate to people, and help people. Skills like providing support for others, listening, delegating with respect, representing others, asserting, developing rapport, and perceiving feelings.

**Management, Organization, Leadership:** – Can supervise others and guide individuals and groups towards the completion of tasks. Also can manage groups, sell ideas, make decisions, manage conflict, coordinate tasks, teach and enlist help.

## Achievement and Leadership Skills

- Part of Scientific delegation from French funded programs to the Kenyan government leading in an MOU to extend cooperation between French and Kenyan governments between 2014-2019 including French institutes IRD, IFRA and CIRAD leading to an extension of funding amounting to 100 Million Euros
- Overall Winner of Ecology photo competition at the Student Conference on Conservation Science in Bangalore, India under the theme “The Sweat behind Ecology” – September 2013
- Chairperson Working Group for Eastern Africa at the Africa Animal Welfare Action Conference for the Proposed African Declaration on Animal Welfare (ADAW) organized to provide recommendations to the African Union (AU) and World Organization for Animal Health(OIE) – 2009
- Nominated Student of the Year for United Nation Youth Association Green Awards -2010

## Conferences, Workshops and Seminars

- **First Global Science, Technology and Innovation Conference(GSTIC-2017)** from the 23<sup>rd</sup> to 25<sup>th</sup> October 2017 Brussels, Belgium
- **The Oceans Conference** from the 5<sup>th</sup> June to 9<sup>th</sup> June 2017 at the United Nations Headquarters in New York, USA
- **Bonn Climate Change Conference** from the 8<sup>th</sup> May to 18<sup>th</sup> May 2017 at the World Conference Center Bonn in Bonn, Germany
- **African Soil Seminar-Soil Restoration for Achieving the 2063 and 2030 Agendas in Africa** from the 28<sup>th</sup> November to 30<sup>th</sup> November 2016 at the World Agroforestry Center (ICRAF) in Nairobi, Kenya
- **Marrakesh Climate Change Conference (UNFCCC COP 22)** from the 7<sup>th</sup> November to 18<sup>th</sup> November 2016 in Marrakesh, Morocco
- **Paris Climate Change Conference (UNFCCC COP 21)** from the 30<sup>th</sup> November to 12<sup>th</sup> December 2015 in La Bourget, Paris, France
- **International Tropical Timber Council and Associated Sessions of the Four Committees**, from the 16<sup>th</sup>-21<sup>st</sup> of November, 2015 in Kuala Lumpur, Malaysia
- **Student Conference on Conservation Science(SCCS-Beijing Forum)** ,from the 6 – 8<sup>th</sup> of November, 2015 at the School of Life Sciences, Peking University in Beijing, China

- **2nd Africa Ecosystem based Adaptation for Food Security Conference** from the 30 – 31<sup>th</sup> July in 2015 at the UNEP headquarters in Nairobi, Kenya
- **TAAG Conference on Conservation Science** from the 9-12<sup>th</sup> of June 2015 in Accra, Ghana
- **Sixth Clean Air Ministerial** from the 26-28<sup>th</sup> of May 2015 in Merida, Yucatan, Mexico
- **Climate and Clean Air Coalition to reduce short-lived climate pollutants(CCAC)** Working Group and High Level Assembly meeting on the 20<sup>th</sup> of May 2015 in Geneva, Switzerland
- **Forty-first Session of the Intergovernmental Panel on Climate Change (IPCC-41)** from the 24 – 27<sup>th</sup> of February 2015 UN Environment Program (UNEP) headquarters, Nairobi, Kenya
- **International Conference on the Contemporary Evolution of African Floodplains and Deltas** in Dar es salaam, Tanzania 27 – 30<sup>th</sup> May 2014
- **Student Conference on Conservation Science** from the 25 – 28<sup>th</sup> of September 2013 at the Indian Institute of Science in Bangalore, India
- **International Symposium on Land Cover Mapping** for the African Continent held at the UNEP headquarters in Gigiri, Nairobi from the 25 – 27<sup>th</sup> of June 2013

## Papers

- Simon G.S., Fundi P., Berrill M., **Njoroge C. H.**(2016) Pre-dispersal seed handling treatments by five sympatric nonhuman primates in Kibale National Park, Uganda. *Science Letters*; **4**(1):84
- **Chege, H.N.**, Mutoro, N.,Webala, P.,Musila, S.,Fundu,P., Makori, B., Awuor, M. & Lumosi, C. Population monitoring and roost site selection studies of the African Straw-colored Fruit Bats(*Eidolon Helvum*) in a city setting: A case study of Uhuru gardens in Mombasa County in Kenya – In press
- **Chege, H.N.**, Schepers, & C.,Woolfaardt, J.J.G., (2015) Documenting the bat species assemblages of the Meletse Bat Research and Conservation Training Centre in Limpopo Province, Thabazimbi, South Africa. *African Bat Conservation News*. **38**(2): 5-8. ISSN 1812-1268
- Alam, S.M., Khan, J.A., **C. H. Njoroge**, Kumar S., & Meena R.L. Food Preferences of the Golden Jackal (*Canis aureus* Linnaeus, 1758) in the Gir National Park and Sanctuary, Gujarat, *Indian Journal of Threatened Taxa*,**7**(2): 6927-6933. ISSN 0974-7893
- **Chege, H.N.**, Ogada, M.O. & Gichuki, N. (2013) What's on the Menu: Important Food Sources for Aquatic Mesocarnivores in the Laikipia Ecosystem of Central Kenya. *Reyono Journal of Interdisciplinary Studies*, **2**(2): 121-130: ISSN 2277-7652
- **Chege, H.N.**, Ogada, M. O. and Gichuki, N. N. (2014).Temporal Detection Patterns of the African Clawless Otter *Aonyx capensis* (Schinz, 1821) in the Laikipia Plateau of Central Kenya.*IUCN Otter Spec. Group Bull.* **31** (1): 44 – 48
- **Chege, H.N.** & Nagasha, B. (2013) Effects of forest logging practices on carbon stock recovery in Kibale National Park, Kanyawara, Uganda. *Baraton Interdisciplinary Research Journal*, **3**(1): 29-37: ISSN 2079-4711

## Book of Abstracts

- **Chege, H.**, Ogada, M. O., & Gichuki. N.N., Can Aquatic Mammals be used as indicators of Aquatic Ecosystem Health; A Case Study of the African Clawless Otter in the Laikipia Plateau of Central Kenya.*International Conference on the Contemporary Evolution of African Floodplains and Deltas* in Dar es salaam, Tanzania 27-30<sup>th</sup> May 2014

- Gichuki, N., Nyingi, W., Ogada, M., Sigana, D., Bart, Jr. H.L., Talarchek, G., Abade, S., Abong'o, J., Anderson, R., Ewing, A., Gathua, J., **Chege, H.**, et.al, Aquatic biodiversity in Kenya: Discoveries from the 2010-2012 International Research Experiences for Students (IRES) expeditions. *Fifth International Conference of the Pan African Fish and Fisheries Association (PAFFA5)* in Bujumbura, Burundi, 16-20<sup>th</sup> September 2013

## Reports and Publications

- First Conference of Conservation NGO's in Kenya. Promoting collaboration to secure the future of Kenya's wildlife-Conference Report with Dorothy Nyingi and Sheila Funnell
- Kenyan Government Natural Resource Management Programme Best Practice report authoring chapters on:
  - Natural Capital Atlas;
  - Kenya Wetlands Atlas;
  - Master Plan for Water Catchment Areas;
  - Mau Restoration Project;
  - Kaya Restoration Project; and
  - Marsabit Forest Restoration
- Fifth National Report to the Conference of Parties(COP 20) to the Convention on Biological Diversity-Kenya

## Digital Publications & Popular Press

- Digital Content Developer: Global Science, Technology and Innovation Conference, 2017  
<http://enb.iisd.org/gstic/2017/>
- Digital Content Developer(Video): The Oceans Conference Earth Negotiations Video  
<http://enb.iisd.org/videos/oceans/sdg14conference-env/>
- Digital Content Developer(Video): Bonn Climate Change Conference Side Event Videos  
<http://enb.iisd.org/videos/climate/unfccc-sb46-side-events/>
- Digital Content Developer(Video): Marrakesh Climate Change Conference Earth Negotiation Videos  
<http://www.iisd.ca/videos/climate/unfccc-cop22-env/>
- Digital Content Developer(Video): Paris climate change conference; Topics:
  - The importance of social science research for understanding climate change induced migration on behalf of Lund University, Lancaster University, Hamburg University and Durham University
  - Scaling-up private sector financing for adaptation-related projects on behalf of the Canadian International Development Research Center (IDRC)
  - Climate change adaptation measures with mitigation co-benefits(PERGSA) on behalf of the Saudi Arabian Government and Gulf Cooperation Council
  - European Union and Gulf Cooperation Council Collaboration on economic diversification on behalf of the Saudi Arabian Government and Gulf Cooperation Council
  - Compact of Mayors: the world's largest coalition on local climate action and towards SDGs/HABITAT3 on behalf of ICLEI - Local Governments for Sustainability
  - Growth, the Driver of Climate Change Action on behalf of the Climate Policy Initiative and the Brookings Institution; Washington, DC
  - Hitting 2C means: investing in renewables, a storage revolution, energy efficiency and CCS on behalf of CCS Storage Institute, The Carbon Trust and the Imperial College London
- Digital Content Developer: UNEP InforMEA Multilateral Environmental Agreements project (CITES,RAMSAR,BRS,MINAMATA & CMS Conventions)

- Digital Editor: Earth Negotiations Bulletin: Summary of Summary of the First African Soil Seminar: 28-30 November 2016, Volume 206, Number 4. Published by the International Institute for Sustainable Development (IISD). Saturday, 3<sup>rd</sup> December 2016 Online at [Click to download PDF](#)
- Digital Editor: Earth Negotiations Bulletin: Summary of the Fifty-first session of the International Tropical Timber Council and Associated Sessions of the Four Committees (ITTC-51) Volume 24, Number 86. Published by the International Institute for Sustainable Development (IISD). Tuesday, 24<sup>th</sup> November 2015 Online at [Click to download PDF](#)
- Digital Editor: EBAFOSC Bulletin. A Summary of the 2nd Africa Ecosystem Based Adaptation for Food Security Conference 2015 (EBAFOSC 2). Published by the International Institute for Sustainable Development (IISD) in collaboration with the EBAFOSC Secretariat. Volume 184, Number 7, Monday, 3<sup>rd</sup> August 2015. Online at [Click to download PDF](#)
- Digital Editor: CEM Bulletin. A Summary of the Clean Energy Ministerial 6 (CEM6). Published by the International Institute for Sustainable Development (IISD) in collaboration with the CEM Secretariat. Volume 181, Number 12, Sunday, 31<sup>st</sup> May 2015 [Click to download PDF](#)
- Digital Editor: Fossil Fuel Subsidy Reform Bulletin. A Briefing Note of the Side Event on “Fossil Fuel Subsidy Reform and Investments in Clean and Affordable Energy” Published by the International Institute for Sustainable Development (IISD). Volume 172, Number 23, Wednesday, 27<sup>th</sup> May 2015 [Click to download PDF](#)
- Earth Negotiations Bulletin Summary of the Forty-First Session of the Intergovernmental Panel on Climate Change (IPCC-41). Vol. 12 No. 627 Published by the International Institute for Sustainable Development (IISD) Monday, 2<sup>nd</sup> March 2015 [Click to download PDF](#)

## Grants, Scholarships, Academic Awards, Honors and Certification

- **5,000£ Rufford Small Grants** from the Rufford Foundation to educate the community on bat conservation in Kenya
- **15,000 \$ Giving Nature a Voice - Aga Khan Media School/ Sitka Foundation-Vancouver** to do a film on the Voices of People Living at the Edge of Nature in Kenyan National Parks
- **Presidential Fellow** to attend the Chinese Academy of Sciences in Beijing/Wuhan, China
- **200,000/= grant** by the Kenya Wetland Biodiversity Research Team to carry out mammal field studies for my master's thesis
- **15,000 \$ grant**, to attend an Exchange Program during the fall of 2012 at the University of Wyoming in Laramie, USA
- **Full scholarship**, funded through the BAT Biodiversity Partnership to attend the Tropical Biology Association (TBA) Field Course in Kibale forest, Uganda

## International Experience & Professional Networks

United States of America, Canada, United Kingdom, France, Switzerland, Belgium, Germany, Finland, Denmark, Mexico, India, South Africa, Malaysia, China, Morocco, Uganda, Tanzania, Rwanda and Ghana

## References

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