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NOTE: Long CV online at: http://geobobford.com/VITAE_long.pdf

Position(s) Desired:

Senior Management Chief of Party (COP)--HIGHER EDUCATION or DEVELOPMENT PROJECT; technical officer in monitoring and evaluation; technical support specialist on climate change, global health, biodiversity, agriculture, environment; professor, trainer/educator; outreach coordinator; knowledge management specialist.

Key Qualifications and Experience:

- Fluent in Spanish and French; born and raised in Central America to US expatriates (Honduras, El Salvador, Belize, Nicaragua, Costa Rica); Fulbright Scholar, National University of Honduras (1998).
- Many years collaboration with higher education in Central America for biodiversity, agriculture, public health (e.g. Zamorano, UNAH) via NASA/ESSE grant program with SERVIR-Mesoamerica based in Panama and as a professor at Loma Linda University School of Public doing health extension training in the region.
- Carried out biodiversity assessments and research around the Golfo de Fonseca for USAID/MIRA project where three countries of El Salvador, Honduras, and Nicaragua join and on the North Coast focusing on manatees and ecotourism.
- Led many US students on travel-study tours to Central America and Mexico from 1980s - 2000s with linkages established with several NGOs, government agencies, and higher education institutions including as part of post-Hurricane Mitch rehabilitation and cooperation.
- Strong ecosystem field research study experience in arid/semi-arid regions (i.e.Sahelian West Africa) and montane areas of Central/East Africa (DRC, Rwanda) as well the lowland tropical coastal zone and highland cloud forests of Central America (Honduras, Belize, Haiti).
- Well-developed skills in management, strategic planning, monitoring and evaluation, writing, and informal/formal training for communications and outreach--including design of online education.
- Experience as an academic dean/administrator of the first private university in Rwanda doing curriculum design, academic effectiveness measurement, and faculty/student research support.
- Specialized technical skills in the use of GIS/RS, social media, web-based tools for knowledge management (KM), decision-making, surveillance, and the assessment of the interconnections between biodiversity

conservation and other areas of ecosystems services/natural resource management.

- Many years experience as a classroom and online instructor and field research studies mentor.

SUMMARY: Key Research, Outreach, and Field-based Experience (Africa, Latin America, Asia)

- April - November 2012: contract with the [Frankfurt Zoological Society \(FZS\)](#) under the EU-funded [Upemba National Park Conservation Project](#) with Steve Schill of [The Nature Conservancy](#). The contract provides technical assistance on use of GIS/Remote Sensing/GPS-based tools to a new *General Management Plan* for rehabilitation of the two national parks in Katanga--*Kundelungu and Upemba* parks.
- January-June 2010: assignment as Interim Program Director, Grauer's Gorilla Landscape Conservation and Development Program for Landscape 10 ([CARPE](#)). Dian Fossey Gorilla Fund International (DFGFI), DRC/Congo (Goma, North Kivu). See also other Africa activities [HERE](#) e.g. with NUR (Rwanda).
- November 2008 - December 2009 (12 months): Research Professor and Adviser to the Director, Center for GIS and Remote Sensing Training and Research (CGIS), National University of Rwanda, PO Box 212, Huye, Rwanda: <http://www.cgisnur.org/> more here <http://geobobford.com/rwanda.html>
- February - October 2008: Senior Development Consultant with [GPCI \(Geographic Planning Collaborative, Inc.\)](#) Running Springs, CA: The task was to implement the [AGEDI project in Abu Dhabi](#) (*Abu Dhabi Global Environmental Data Initiative*) and build a Gulf-focused *Environmental Performance Index* (EPI).
- 2004-2007 (two months each summer): doing field research in Honduras/Belize under the [NASA/ESSE](#) grant while I was a professor of Sustainable Development at Loma Linda University; this was a follow-up to a year as a *Fulbright Scholar* at the *National University of Honduras* (UNAH) in 1998 pre-Hurricane Mitch.
- 2005-2007: Principal Investigator (PI) for a sub-contract via *USAID/IRG/Honduras* doing biodiversity assessments in Honduras and Belize to assess the status of manatees and their protection and a survey of Herpetofauna in the southern/Pacific coastal region (Golfo de Fonseca) of Honduras.
- 2002-2003: Helped launch [MyCOE](#) (*My Community, Our Earth - Geographic Learning for Sustainable Development*) project with partners such as ESRI Inc, USADI, AAG, NASA, the National Geographic Society, FAO, CGIAR, NASA/NSF, etc. Started in 2002 as part of the *World Summit on Sustainable Development* and continues until today with the major focus being outreach to higher education in Africa, Middle East and Mesoamerica. These projects culminated in several public-private partnerships that continue to this day, e.g. CARPE/Congo Basin Forest Conservation Initiative, NASA/SERVIR-Mesoamerica and Africa.
- August 1999 - July 2003: Senior Natural Resource Policy Advisor for the U.S. Agency for International Development (USAID), Bureau for Economic Growth, Agriculture and Trade ([EGAT](#)), Office of Natural Resources Management (NRM), Land Resource Management Team ([LRMT](#)).

Significant tasks at USAID included:

- Co-managed the *RAISE IQC* (*Rural and Agricultural Incomes with a Sustainable Environment, Indefinite Quantity Contract*).
- Co-managed an Inter-Agency Working Group (IWG) entitled [GISD](#) (*Geographic Information for Sustainable Development*) which was launched at the *World Summit on Sustainable Development* ([WSSD](#)) held in

Johannesburg, South Africa, August 14 - September 7, 2002.

- August 1999-January 2001: Re-design of the Hillside Agriculture Program for Haiti.
- Served as a technical adviser to the desertification and climate change teams jointly run by USAID and the US State Department (2001-2003).
- Worked on several Special Initiatives such as ICT (Information and Communications Technology) focusing on Geospatial Information Systems (GIS).
- Launched a sustainable tree-crops program focused on coffee and cocoa; provided technical advice to key environmental conventions (COPS) for USAID/State Department such as the [UNCCD](#), [UNFCCC](#).

Dry Lands, Agriculture, Development, Conservation Research and Consulting Experience:

- Started career in 1975-1978 doing applied field research among the Fulani, Mossi, and Kurumba farmers and pastoralists of northern Burkina Faso/southern Mali under a *USAID/funded* project via University of California, Riverside and ICRISAT.
- Worked closely as the social scientist in support of more technical agronomists/soil scientists from regional and global *CGIAR* and related research centers based in Africa (*IITA, ICRISAT, CILSS, ORSTOM*) who were trying to better understand adaptation to drought after the Sahelian (West African) droughts of 1973-1978.
- During the 1980-90s participated in several short term consultancies for *World Vision International, CRS, ADRA/International* and others assessing food security across Africa (Ghana, Malawi, Burkina Faso), South America (Peru, Bolivia) and in Haiti.
- In the mid 1990s - conducted for *ADRA/International* several week-long workshops on Food Security that were part of an off-campus Master's in Development run by Andrews University (Berrien Springs Michigan). Over 150-200 key field staff from around the world came to courses held in Peru, Costa Rica, Thailand and Kenya.
- Worked four years in Rwanda (1983-1987) as a university administrator for the *Adventist University of Central Africa* (academic dean) but at same time served as director of field extension and continued research on to land management, agro-ecosystems, and population/agricultural change.
- Have lived for many years in the dry lands of Utah where I was a professor at three local universities (*Utah State University, Westminster College and BYU*). In those posts I worked a lot on dry lands issues in Utah and globally and led several travel-study tours of students and teachers to Mexico and Central America.
- I currently live in southern Utah and I am active in conservation issues in the "red rock region" of Utah, Arizona and Nevada. I am also a member of the *Planning Commission of the Town of Rockville* and collaborating on conservation issues with The Nature Conservancy and Virgin River Land Preservation Trust.
- Helped plan, fund, and manage a major international conference entitled: **GASSIA** (*Geospatial Applications in Support of Sustainable International Agriculture*)--held May 19-31, 2002 at EROS Data Center (USGS) in Sioux Falls, South Dakota.

- Summer 1979 - Expedition member with *National Geographic Society* to arid lands of PROC (China) in association with the *Academia Sinica*. Part of first NGS expedition back to deserts of China and established associations with various arid land researchers in Asia studying pastoralism.
- Field research project (eighteen months) under contract with University of California on USAID/211-d grant project in Burkina Faso with ICRISAT, IITA, ORSTOM, CILSS; studied adaptation to drought by pastoralists and farmers during and after the Sahelian Drought and specifically looking at “agro-sylvo-pastoralism”.
- 1980-91 - participated in a health services inventory by Loma Linda University, School of Public Health for the DOE (Department of Energy) of the Marshall Islands prior to its getting more independent status.

Select Publications:

- [eHealth + GISc Activities by CGIS-NUR/Africa & Misc. Partners](#). AfricaGIS October 27, 2009
Kampala/Uganda by Robert E. Ford, PhD, MPH Research Professor, CGIS-NUR and [FINAL REPORT](#) with IDRC/Canada-AfricaGIS.
- [ESSE21 - LULC Module](#) - *Cases of Coastal Zone Change from Mesoamerica*. Online Learning Module done with the ESSE21 Project of NASA.
- Robert E. Lovich, Thomas Akre, Mason Ryan, Sofia Nunes, Gustavo Cruz, Gerardo Borgas, Norman J. Scott, Saul Flores, Wilfredo Del Cid, Adan Flores, Cesar Rodriguez, Ileana R. Luque-Montes, **ROBERT FORD**. [Herpetofaunal Records from Southern Honduras](#). *Herpetological Review*, 2010, 41(1), 112–115. Society for the Study of Amphibians and Reptiles.
- Daniel Gonzalez-Socoloske, Leon D. Olivera-Gomez, **Robert E. Ford**. [Detection of free-ranging West Indian manatees *Trichechus manatus* using side-scan sonar](#). *ENDANGERED SPECIES RESEARCH*. Vol. 8: 249–257, 2009. [The following supplement accompanies the article above - FIGURES](#).
- Lovich, R.E., T.S. Akre, M. J. Ryan, N.J. Scott, and **R.E. Ford**. 2006. [Herpetofaunal survey of Cerro Guanacaure, Montaña La Botija and Isla Del Tigre protected areas in southern Honduras](#). Report prepared for the *United States Agency for International Development*. 33pp.
- [Distribution, Habitat Usage and Relative Abundance of Antillean Manatee \(*TRICHECHUS MANATUS* MANATUS\) on the North Coast of Honduras](#). This publication was produced for review by the *United States Agency for International Development*. Was prepared by the technical team Daniel Gonzalez-Socoloske, Saul R. Flores Rivera, Cynthia Taylor, and Robert E. Ford, International Resources Group.
- **Ford, Robert E.** 1998. *Settlement Structure and Landscape Ecology in the Sahel: the Case of Northern Yatenga, Burkina Faso*. In *Rural Settlement Structure and African Development*. Edited by Marilyn Silberfein. Boulder: Westview Press. Pp. 129-165.
- **Ford, Robert E.** 1993. *Marginal coping in extreme land pressures: Ruhengeri, Rwanda*. In *Population Growth and Agricultural Change in Africa*. Edited by B.L. Turner II, Robert Kates, and Goran Hyden. Center for African Studies, University Press of Florida. Gainesville, Florida.
- **Ford, Robert E.** 1992. *Humans and the Sahelian environment: Human-Environment Interaction in Sahelian North Yatenga, Burkina Faso*. *Research and Exploration*. National Geographic Society. 8 (4):460-475.

Geographic Experience (Africa, Latin America, Asia):

- *Long term living abroad:* Belize, Honduras, Costa Rica, El Salvador, Nicaragua (20+ years); Democratic Republic of the Congo (8 months); Japan (one year); France/Switzerland (9 months); Rwanda (5 years); UAE/Abu Dhabi (8 months).
- *Short term work:* Haiti, Peru, Bolivia, Uganda, Kenya, Mali, Senegal, Eritrea, Malawi, South Africa, China, Australia, Mexico, Guatemala, Marshall Islands, and Thailand.

Education:

- Ph.D. Geography/Earth Science, University of California, 1982 Riverside, CA
- M.P.H. Health Education, Loma Linda University, 1973 Loma Linda, CA
- M.A. Social Anthropology, Loma Linda University, 1971 Loma Linda, CA
- B.A. History and Religion, Pacific Union College, 1968 Angwin, CA

Teaching Experience:

- *Loma Linda University CA (1973-83 and 2003-08): School of Public Health and the School of Science/Technology:* Remote Sensing, Field Research Methods, Biodiversity and Conservation, Cultural Ecology, Integrated Rural Development, Comparative Health Systems, Population Dynamics, etc.
- *Brigham Young University, Provo, Utah (1988 - 1992):* African and Latin American Regional Studies, East Asia (Pacific Rim), Regional Geography, Economic Geography, International Relations, Human and Physical geography, Natural Resource Management, Political Geography, Cultural Ecology.
- *Utah State University, Logan Utah (1987-88 and 1992-94):* Human and Physical Geography, Human Dimensions of Global Change, African & Latin American Development Studies, Research Methods, Cultural Ecology, Environment, Resources & Development Policy.
- *Westminster College of Salt Lake City (1994 - 1999):* Environmental Studies, Honors Studies, Earth System Science, International Relations, Travel-Study Tours, Modeling/Visualizing Global Change.

LIST OF REFERENCES:

Tim Foresman, PhD. Formerly, Chief Environmental Scientist for the United Nations (UNEP). Tel. 443-622-9464 Email: foresman@earthparty.org Web: www.earthparty.org International Center for Remote Sensing Education.

Michael McBride, Emeritus Board Member Smithsonian and The Nature Conservancy; founder of the Alaskan Center for Coastal Studies and [Kachemak Bay Wilderness Lodge](#), co-founder Bateleurs International with LightHawk Internationl. See [BIO](#): Contact: Kachemak Bay Wilderness Lodge, China Poot Bay, Box 956, Homer, Alaska 99603 Phone 907-235-8910 Email: michael@alaskawildernesslodge.com. In winter he lives in Utah (Tel. 435-773-2291).

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Felicia Akinyemi, PhD, (formerly): Deputy Director: Centre for Geographical Information Science and Remote Sensing Training and Research, National University of Rwanda. Dean Faculty of Architecture and Environmental Sciences, Kigali Institute of Science and Technology, Faculty of Architecture and Environmental Design, Kigali). Webpage: <http://www.kist.ac.rw/index.php/staff/94> Phone: 0727111060 - Email: felicia.akinyemi@gmail.com

Jose Herrero, (previous) North Coast Director, USAID/MIRA Project (Manejo Integrado de Recursos Ambientales). Email: pepenordico@yahoo.com Tel. (504) 442-0178: Colonia El Naranjal, Calle La Ceiba, No. 172, La Ceiba, Atlántida, Honduras--currently advising other donors from Scandinavia on projects in Honduras.