

SOGBOHOSSOU Etotépé A.

Female, Beninese nationality
PhD Conservation Biology
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Hard-working – Goal-oriented – Creative – Reliable – Team work – Field work

PROFESSIONAL OBJECTIVE

Take actively part to the conservation of large carnivores, the sustainable use of natural resources and the management of human-wildlife conflicts in Benin and West Africa. Work for the welfare of populations (especially women and children) that live around protected areas and other areas with high diversity and are in conflict with the resources of the area.

EDUCATION

- ♣ **2011.** PhD, Option Conservation Biology. Leiden University. The Netherlands.
- ♣ **2006.** Diploma of Master of Sciences. Option Management of Natural Resources. Faculty of Agronomy, University of Abomey-Calavi. Benin.
- ♣ **2000.** Diploma of Agricultural Engineer (Option Planning and Management of Natural Resources). Faculty of Agronomy, National University of Benin. Benin.

SELECTED ADDITIONAL TRAINING

Estimating wildlife abundance and occupancy (SCBI Front Royal, USA, 2014), Monitoring Illegal Killing of Elephants MIKE database (MIST, Togo, 2012), Integrated Livestock, Wildlife, and Predator Management (CCF, Namibia, 2011), Molecular Biology techniques (Brookfield Zoo, Chicago, US, 2006), Project management (MDF Training and Consultancy, Cameroon, 2006), Park & Wildlife management (Cameroon, Netherlands & South Africa, 2005), Tropical Ecology and Conservation (Kenya, 2004).

GRANTS / SCHOLARSHIPS

Some research and studies grants including Charlotte Fellowship (African Wildlife Foundation, 2009-2011), Kaplan Graduate Award (Panthera Foundation, 2008-2009), Rufford Small Grants for Africa (2006-2007), WCS Small Grant for Africa (2005), MAB UNESCO Young Researcher Grant (2003-2004) and WINROCK fellowship for women leaders in Agriculture and Environment (2000).

EMPLOYMENT

- ♣ **From July 2014.** *Faculty of Agricultural Sciences, University of Abomey-Calavi, BENIN.* Assistant Professor - Lectures (Animal Population Dynamics, Wildlife Census, Protected Areas Management...), BSc and MSc student supervision (between 2012 and 2017, about 10 BSc and 14 MSc students supervised), research.
- ♣ **From October 2012.** *Faculty of Agricultural Sciences, University of Abomey-Calavi, BENIN.* Lecturer – Researcher - Lectures (fields related to protected areas management & wildlife conservation), BSc and MSc student supervision, research.
- ♣ **January 2012 – March 2013.** *African Wildlife Foundation, BURKINA FASO.* Ecologist - In charge of the monitoring of elephant and giraffe populations and conflicts with human in the W-Arly-Pendjari protected areas complex in Benin, Burkina Faso and Niger), with wildlife authorities and local communities.
- ♣ **January 2001-2012.** *Laboratory of Applied Ecology, University of Abomey-Calavi, BENIN.* Research Assistant - Research on natural resources management, projects and technical / scientific reports writing, workshops organization, student supervision...

♣ **February 2005 - 2010. CERGET (Research Centre for the management of Biodiversity and Lands) NGO, BENIN.** Project coordinator - Design, lead and co-lead projects on conservation of threatened medicinal tree species by the creation of local botanical gardens managed by communities (2005-2008), on the endangered Wild dog Conservation in Benin through school kids education (2006-2007) and on human-carnivores conflicts mitigation around Pendjari Biosphere Reserve (2005-2006; 2008-2010).

♣ **October 2001 - April 2003. Laboratory of Botany, Systematic and Phytosociology, Université Libre de Bruxelles, Belgium / Laboratory of Applied Ecology, National University of Benin.** Responsible of the botanical part of the Project Plamenet (African Medicinal Plants on the Net) Project database, West Africa part.

RESEARCH EXPERIENCE

Research in diverse fields related to natural resources management, wildlife monitoring, endangered species conservation in Benin and other countries. Some of the research projects:

- ♣ Hunting and illegal trade of wildlife monitoring. From 2017
- ♣ Impact of fire on rangelands, wildlife and ecosystem services in Pendjari Biosphere Reserve. From 2015.
- ♣ Cheetah and wildlife survey by camera trapping in Benin protected areas. From 2014
- ♣ Human-carnivores conflicts around Pendjari & W-Benin Biosphere Reserves. 2003-2005, 2007-2011 & from 2016.
- ♣ Elephant and giraffe population & human-elephant conflicts monitoring, WAP ecosystem in Benin & Burkina Faso. 2012-2013.
- ♣ Wildlife aerial and terrestrial census in Pendjari Biosphere Reserve. 2001- 2008.
- ♣ Lion collaring and monitoring. South Africa, 2005. Cameroon, 2007 & 2008. Benin, 2008, 2009 & 2010.
- ♣ Lion census in Pendjari Biosphere Reserve. 2004, 2007 & 2009.
- ♣ Conservation threatened medicinal plants with local communities in Pehunco and Sinende, northern Benin. 2007-2008

PUBLICATIONS

- ♣ Djagoun C.A.M.S., **Sogbohossou E.A.**, Kassa B., Ahouandjinou C.B., Akpona H.A. & Sinsin B. 2018. Effectiveness of Protected Areas in Conserving the Highly Hunted Mammal Species as Bushmeat in Southern Benin. *The Open Ecology Journal*, 11, 14-24.
- ♣ **Sogbohossou E.A.**, Kassa B.D., Waltert M., Khorozyan I. 2018. Spatio-temporal niche partitioning between the African lion (*Panthera leo leo*) and spotted hyena (*Crocuta crocuta*) in western African savannas. *European Journal of Wildlife Research* 64, 1-8.
- ♣ Efiou S., **Sogbohossou E. A.**, Magnon Z.Y., Houinato M.R.B., Habiyaemye M., Sinsin B.A & Tossou C.R. 2018. Human-wildlife conflicts and mitigation measures in Pendjari Biosphere Reserve, northern Benin. *Annales des Sciences Agronomiques* 22, 15 – 31.
- ♣ Sabi Lolo Ilou B., **Sogbohossou E.A.**, Toko Imorou I., Houinato M.R.B., Sinsin B. 2017. Diversité et importance socio-économique des services écosystémiques dans la Réserve de Biosphère de la Pendjari au nord-Bénin. *Journal de la Recherche Scientifique de l'Université de Lomé* 19 (3), 15-28.
- ♣ **Sogbohossou E.A.**, Dansou P. E., Djagoun C.A.M.S. 2017. Conflits hommes-hippopotames dans la Réserve Communautaire d'Adjamè au Bénin. *Bulletin de la Recherche Agronomique au Bénin* 82, 22-31.
- ♣ Marker L., Cristescu B., Morrison T., Flyman M.V., Horgan J., **Sogbohossou E.A.**, Bissett C., Van Der Merwe V., de Matos Machado I.B., Fabiano E., Van Der Meer E., Aschenborn O., Melzheimer J., Young K., Farhadinia M.S., Wykstra M., Chege M., Abdoulkarim S., Amir O.G., Sh Mohanun A., Paulos O.D., Nhabanga A.R., M'soka J.L.J., Belbachir F., Ashenafi Z.T., Nghikembua M.T. 2017. Cheetah Rangewide Status and Distribution. In Marker L., Boast L., Schmidt-Kuentzel A. (eds). *Cheetahs: Biology and Conservation*. 1st Edition. Academic Press. <https://www.elsevier.com/books/cheetahs-biology-and-conservation/nyhus/978-0-12-804088-1>
- ♣ Bauer H., Henschel P., Packer C., Sillero Zubiri C., Chardonnet B., **Sogbohossou E.A.**, De longh H. H. & Macdonald D.W. 2017. Lion trophy hunting in West Africa: A response to Bouché et al. *PLoS ONE* 12(3), e0173691. <https://doi.org/10.1371/journal.pone.0173691>.

- ♣ Durant S.M., Mitchell N., Groom R., Pettoirelli N., Ipavec A., Jacobson A.P., Woodroffe R., Böhm M., Hunter L.T.B., Becker M.S., Broekhuis F., Bashir S., Andresen L., Aschenborn O., Beddiaf M., Belbachir F., Belbachir-Bazi A., Berbash A., de Matos Machado I.B., Breitenmoser C., Chege M., Deon Cilliers, Davies-Mostert H., Dickman A.J., Ezekiel F., Farhadinia M.S., Funston P., Henschel P., Horgan J., de longh H.H., Jowkar H., Klein R., Lindsey P.A., Marker L., Marnewick K., Melzheimer J., Merkle J., M'soka J., Msuha M., O'Neill H., Parker M., Purchase G., Sahailou S., Saidu Y., Samna A., Schmidt-Küntzel A., Selebatso E., **Sogbohossou E.A.**, Soutlan A., Stone E., van der Meer E., van Vuuren R., Wykstra M., & Young-Overton K. 2017. The global decline of cheetah *Acinonyx jubatus* and what it means for conservation. PNAS 2017 114 (3), 528-533; doi:10.1073/pnas.1611122114
- ♣ **Sogbohossou E.A.** & Kassa D.B. 2016. The bushmeat trade and livelihoods in southern Benin: An exploratory survey. *Nature & Faune* 30 (2), 29-31.
- ♣ Bertola L.D., Tensen L., van Hooft P., White P.A., Driscoll C.A., Henschel P., Caragiulo A., Dias-Freedman I., **Sogbohossou E.A.**, Tumenta P.N., Jirimo T.H., de Snoo G.R., de longh H.H., Vrieling K. 2015. Autosomal and mtDNA Markers Affirm the Distinctiveness of Lions in West and Central Africa. PLoS ONE 10(10), e0137975. doi:10.1371/journal.pone.0137975
- ♣ **Sogbohossou E.A.**, Kassa B.D., Aboubacar Z. & Mahamane A. 2013. Les conflits hommes-girafes dans l'aire centrale de répartition de la girafe (*Giraffa camelopardalis peralta*) au Niger. *Annales des Sciences Agronomiques* 17(2), 107-119.
- ♣ **Sogbohossou E.A.**, de longh H.H., Sinsin B., de Snoo G. & Funston P. 2011. Livestock - predator conflict around Pendjari Biosphere Reserve, Northern Benin. *Oryx* 45, 569-578.
- ♣ Akpona H.A., **Sogbohossou E.**, Sinsin B., Hounghinihin R.A., Akpona J-D.T. & Akouehou G. 2009. Botanical gardens as a tool for preserving plant diversity, threatened relic forest and indigenous knowledge on traditional medicine in Benin. In: Parrotta J.A., Oteng-Yeboah A., Cobbinah J. (eds). *Traditional Forest-Related Knowledge and Sustainable Forest Management in Africa*, IUFRO World Series Vol. 23. pp 5-13. ISBN 978-3-901347-81-8.
- ♣ **Sogbohossou E.A.** 2011. Lions of West Africa. Ecology of lion populations and human-lion conflicts in Pendjari Biosphere Reserve, North Benin. Thèse de doctorat, Faculté des Sciences, Université de Leiden, Pays-Bas.
- ♣ **Sogbohossou E.A.** 2006. Preliminary Genetic characterization of Benin lions as a basis for the study of phylogenetics in relation with morphology and ecology of lion populations (*Panthera leo* Linnaeus 1758) in West Africa. Mémoire de Master, Faculté des Sciences Agronomiques, Université d'Abomey-Calavi.
- ♣ **Sogbohossou E.A.** 2000. Cattle breeding around protected areas and its impact on wildlife and its habitat: study case of Pendjari Hunting Reserve, Northern Benin. Thèse d'Ingénieur Agronome", Faculté des Sciences Agronomiques, Université Nationale du Bénin.

SOME TECHNICAL REPORTS

- ♣ Sogbohossou E.A. & Padonou M. 2017. Inventaire de la faune des écosystèmes de mangroves et des zones humides côtières du Bénin. Rapport partiel de mission sur la biodiversité des mangroves du site Ramsar 1017. FAO Bénin.
- ♣ Sogbohossou E.A. 2013. The Convergence Plan for the Sustainable Management and Utilization of Forest Ecosystems in West Africa. Wildlife, Protected Areas and Ecotourism. ECOWAS/FAO.
- ♣ Sogbohossou E.A. 2009. Lion census in Pendjari Biosphere Reserve.
- ♣ Sinsin B., Sogbohossou E.A. & Nobime G. 2008. Aerial census of wildlife in Pendjari Biosphere Reserve.
- ♣ Sogbohossou E. A. 2004. Study of conflicts between large carnivores and local populations around Pendjari Biosphere Reserve, Northern Benin.

SELECTED CONFERENCES / WORKSHOPS

- ♣ WAPO complex large carnivores regional strategy workshop. Ouagadougou, Burkina Faso. 2013.
- ♣ Workshop of wildlife and forest directors for the preparation of the Convergence Plan for the sustainable management and use of forest ecosystems and wildlife in West Africa, Lomé, Togo. 2012
- ♣ Carnivores Conference: Managing Human-Wildlife Conflicts, The Way Forward. Maroua, Cameroon. 2010.

- ♣ Status of biodiversity in Benin. Cotonou, Benin. 2010.
- ♣ Student Conference in Conservation Science, Cambridge, UK. 2010. (Third Best Presentation prize)
- ♣ Conservation and Management of Large carnivores in West and Central Africa. Maroua, Cameroon. 2009.
- ♣ Society for Conservation Biology, African Chapter Conference, Ghana. 2009.
- ♣ Felid Conference, Oxford, UK. September 2007.
- ♣ Large Carnivores conference, Maroua, Cameroon. 2006.

SELECTED PRESENTATIONS AT CONFERENCES / WORKSHOPS

- ♣ Sogbohossou E.A., Kassa B.D. & Sinsin B. 2017. Camera trap use to monitor wildlife and assess threats to wildlife in Benin protected areas: outcomes and perspectives. University of Abomey-Calavi 2017 Symposium. Bénin.
- ♣ Sogbohossou E.A. 2010. Understanding lion-livestock conflicts in West Africa: contribution from Pendjari Biosphere Reserve, Benin. Cameroon.
- ♣ Sogbohossou E.A. et al. 2010. Perceptions and Attitudes of local populations towards carnivores and livestock-carnivores conflicts in Pendjari Biosphere Reserve. Student Conference in Conservation Science, UK.
- ♣ Sogbohossou E.A. 2009. Lion population management strategies in Pendjari Biosphere Reserve. Large Carnivores Conference. Cameroon.
- ♣ Sogbohossou E.A. & B. Sinsin. 2007. Tradition versus conservation: large carnivore socio-cultural and economic importance in Benin, West Africa. Felid Conference, UK.
- ♣ Sogbohossou E.A. 2006. Lion research in Benin. Outcomes and perspectives. Large Carnivores Conference. Cameroon.
- ♣ Sogbohossou E. A., Deleke Koko I. E., Zoundjehkpon J. & Sinsin B. 2006. The Sustainable Use of Medicinal Plants and Local Communities Rights in Benin: which future? First Beninese days of Protected Areas. Benin.
- ♣ Sogbohossou E. A. 2006. Conservation by Local Communities: study case of the conservation of threatened medicinal plants by local populations in northern Benin. RNSCC International Seminar on Community-Based conservation of natural resources in dry and sub-humid savannas. Cameroon.
- ♣ Sogbohossou E. A. 2004. Biosphere Reserves and Biodiversity conservation: study case of W Transfrontier Biosphere Reserve. National Workshop on Biosphere Reserves and Agrobiodiversity conservation. Benin.
- ♣ Sinsin B., Kassa B. & Sogbohossou E. 2002. Rights and duties of local populations in protected areas management in Benin : study case of national parks and hunting zones. International workshop on traditional knowledge. Benin.
- ♣ Sogbohossou E. & Sinsin B. 2001. Biological and floristic characteristics of plant communities in fallows and savannas of Pendjari Biosphere Reserve, Benin. Workshop on Integrated Management of Natural Dry Forests. Benin.

ADDITIONAL INFORMATION

- ♣ Fluent in English and French
- ♣ **Computer knowledge:** Good knowledge of computer science, statistics (SAS, R), map editing (ARCVIEW)...
- ♣ **Professional membership:** Member of Cat Specialist Group, Conservation Breeding Specialist Group (CBSG) & World Commission for Protected Areas (WCPA), Species Survival Commission (SSC/IUCN), Society for Conservation Biology (SCB), African Lion Working Group (ALWG) & a founder member of the Network on West and Central Africa Lion (ROCAL in French). In charge of Training and Information for ROCAL Network.