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RESEARCH

Interests	Coastal ecology · fisheries management · climate change adaptation
Areas	Ecology · Global and Planetary Change · Management, Monitoring, Policy and Law · Earth-Surface Processes · Sociology and Political Science · Ecology, Evolution, Behavior and Systematics

RESEARCH SUMMARY

103	1,786	27	46	2.39	33%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 103 publications listed below, 2005–2026. Field-weighted impact is the mean over the 73 works scored for it; 1.00 is the world average for works of the same field, type and year. 24 of the 73 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Director 2003–present
Centre for Coastal Management, Africa Centre of Excellence in Coastal Resilience (ACECoR), Cape Coast, Ghana

PUBLICATIONS

Journal articles 89

1. Akintola, Shehu L., **Aheto, Denis W.**, Sall, Aliou, Arizi, Evans K., Akwetey, Margaret F., Osei, Isaac K., Ayorinde, Kappo, Adade, Richard, Areola, Foluke, Attipoe, Esinam, Godwin, Margaret, Pawar, Vinolia P., Korang, Richmond, Akingbola, Ololade (2026). A Situational Analysis of Small-Scale Fisheries in West Africa: From Vulnerability to Viability. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.19358669
2. Daniel Tetteh Atsu, **Denis Worlanyo Aheto**, Gloria Essilfie, Michael Provide Fumey (2026). An outlook on assessing the trend of rainfall and temperature variability in coastal Ghana. *Research in Globalization*. https://doi.org/10.1016/j.resglo.2026.100333
3. Daniel Tetteh Atsu, **Denis W Aheto** (2026). Assessing the livelihood resilience of fishers to climate variability and change in coastal Ghana. *Research in Globalization*. https://www.sciencedirect.com/science/article/pii/S2590051X26000018
4. Iddrisu Salifu, Godwin Kofi Vondolia, **Denis Worlanyo Aheto** (2026). Behavioural drivers of village savings and loan association participation for social protection in small-scale fishing communities. *Discover Sustainability*. https://doi.org/10.1007/s43621-026-02933-3
5. Lubna Alam, Lydia Teh, Louise Teh, Maria Lourdes Palomares, Daniel J. Skerritt, Ibrahim Issifu, Vicky W. Y. Lam, Sebastian Villasante, Natali Lazzari, Arne Kinds, Adriana Rosa Carvalho, Patricia Majluf, **Denis Aheto**, Mazlin Mokhtar, U. Rashid Sumaila (2026). Dynamics of distant water fishing fleets in Southeast Asian countries. *npj Ocean Sustainability*. https://doi.org/10.1038/s44183-026-00242-w
6. Sènankpon Tcheton, Andrea Marais-Potgieter, **Denis Worlanyo Aheto**, Laura Pereira (2026). Future of the Food-Climate-Biodiversity Nexus: Evidence From Indigenous and Local Peoples of the Mono

Transboundary Biosphere Reserve (Benin Republic-Togo) in West Africa. *World Futures Review*. https://doi.org/10.1177/19467567261422191

7. Habtamu Alem, Diress Tsegaye, Ibrahim Issifu, Daniel D.N. Nortey, Linda Bana, **Denis W. Aheto**, Belachew Gizachew (2026). Institutional capacity and divergent resilience pathways in coastal Ghana's mangrove social-ecological systems: Evidence from the Western Region and Lower Volta Delta. *Ocean & Coastal Management*. https://doi.org/10.1016/j.ocecoaman.2026.108370
8. Diress Tsegaye, Jonathan Rizzi, Ulrike Bayr, Misganu Debella-Gilo, Richard Adade, **Denis W. Aheto**, Belachew Gizachew (2026). Mapping Potential Mangrove Forest Restoration Areas in Coastal Ghana Using Multi-Model Habitat Suitability Analysis. *Land*. https://doi.org/10.3390/land15091581
9. Menelisi Falayi, Dorothy Khasisi Lukhabi, Linda Bana, Nanabanyin Okwentsie Ekumah, Vincent Cudjoe Egbenya, **Denis Worlanyo Aheto**, Nandera Juma Lolila, Hamidu Seki, Deo Shirima, Ibrahim Issifu, Mengyi Zhang, Terry Sunderland (2026). Nested Institutions and Overlapping Mandates: A Policy Analysis of Mangrove Governance in Ghana, Tanzania Mainland, and Zanzibar. *Environmental Policy and Governance*. https://doi.org/10.1002/eet.70092
10. Chinomnso C. Onwubiko, **Denis W. Aheto** (2026). Perceptions and Awareness on the Perceived Effectiveness of Nature-Based Solutions in Selected Coastal Communities of Rivers State, Nigeria. *Coasts*. https://doi.org/10.3390/coasts6010007
11. Ella-Kari Muhl, Derek Armitage, Prateep Kumar Nayak, Sisir Pradhan, Maha Abdelbaset, **Denis Aheto**, Richard Adade, Shehu Latunji Akintola, Evans Kwasi Arizi, Essinam Attipoe and 37 others (2026). Transition pathways from vulnerability to viability of small-scale fisheries in Africa and Asia. *People and Nature*. https://doi.org/10.1002/pan3.70305
12. Prince Prah, Precious Agbeko Dzorgbe Mattah, Margaret Fafa Awushie Akwetey, Sika Abrokwah, **Denis Worlanyo Aheto** (2026). XXXXXXSAssessment of the factors that influence the choice of wetland-based livelihoods in the keta lagoon complex Ramsar site (KLCRS) of South-eastern Ghana. *Discover Sustainability*. https://doi.org/10.1007/s43621-026-03049-4
13. Bapentire D. Angnuureng, Rafael Almar, Gregoire A. Ondoa, Olusegun A. Dada, Philip-Neri Jayson-Quashigah, Edward J. Anthony, Thomas Stieglitz, Allassane Ouattara, Frédéric Bonou, Kwasi Appeaning Addo, Emmanuel K. Brempong, Cheikh O. T. Cissé, Abdoulaye Ndour, Erwin W. J. Bergsma, Zacharie Sohou, Awa Niang Fall, **Denis W. Aheto** (2025). A West African coastal science trajectory of vulnerability, adaptability, and resilience. *Discover Sustainability*. https://doi.org/10.1007/s43621-025-01772-y
14. Sènankpon Tcheton, Andrea Marais-Potgieter, **Denis Worlanyo Aheto**, Laura Pereira (2025). Advancing the understanding of Indigenous and Local Knowledge practices in mangrove ecosystem sustainability in the Mono Transboundary Biosphere Reserve in West Africa (Benin Republic-Togo). *Frontiers in Ocean Sustainability*. https://doi.org/10.3389/focsu.2025.1585598
15. Chinomnso C. Onwubiko, **Denis Worlanyo Aheto** (2025). Assessing the Role of Coastal Habitats in Flood Reduction in Selected Communities of Rivers State. *Coasts*. https://doi.org/10.3390/coasts5020017
16. Abdou Orou-Seko, Rodrigue Orobiyi Edéya Pèlèbè, Alexis Houndji, Prudencio Tachégnon Agbohessi, Aliyou Yarou Lafia, Abdullateef Ajadi, Akeem Babatunde Dauda, **Denis Worlanyo Aheto**, Ibrahim Imorou Toko (2025). Immuno-Haematological and Growth Responses of Nile Tilapia (Oreochromis niloticus) Exposed to Agricultural Effluents During Dry Season in Benin's Cotton Basin. *Aquaculture Fish and Fisheries*. https://doi.org/10.1002/aff2.70083
17. Lavenda Achieng' Odhiambo, Georgina Yaa Oduro, John Windie Ansah, Richard Adade, **Denis Worlanyo Aheto** (2025). Marine plastics and the circular economy: A review of policy frameworks in Mombasa County, Kenya. *Waste Management & Research The Journal for a Sustainable Circular Economy*. https://doi.org/10.1177/0734242x251331339
18. Sèna Donalde Dolorès Marguerite Déguénon, O.N. Fabrice Baguere, Oscar Teka, **Denis Worlanyo Aheto**, Brice Sinsin (2024). Assessment and spatialization of vulnerability of Benin coast to sea level rise using composite/blended approach. *Environmental Science & Policy*. https://doi.org/10.1016/j.envsci.2024.103762
19. **DW Aheto** (2024). CONVENTIONAL AND MOLECULAR DIAGNOSIS OF FISH PARASITES IN CULTURED NILE TILAPIA (OREOCHROMIS NILOTICUS) IN GHANA. *Ghana Journal of Science*. https://

openurl.ebsco.com/contentitem/gcd:186697094?sid=ebsco:plink:crawler-gcd&id=ebsco:gcd:186697094&crl=c&jrnl=00169544

20. Rodrigue Orobiyi Edéya Pèlèbè, **Denis Worlanyo Aheto** (2024). Data underlying the research of Immuno-haematological and growth responses of Nile tilapia exposed during dry season to agricultural effluents in Batran water reservoir located …. *4TU. ResearchData Data Set*. https://ui.adsabs.harvard.edu/abs/2024ftu..data.3080O/abstract

21. Temitope Adewale, **Denis Aheto**, Isaac Okyere, Olufemi Soyinka, Samuel Dekolo (2024). Effects of Anthropogenic Activities on Sardinella maderensis (Lowe, 1838) Fisheries in Coastal Communities of Ibeju-Lekki, Lagos, Nigeria. *Sustainability*. https://doi.org/10.3390/su16072848

22. Precious Agbeko Dzorgbe Mattah, Margaret Fafa Awushie Akwetey, Sika Abrokwah, Prince Prah, Domarine Kwaboah Tuffour, **Denis Worlanyo Aheto**, Suneetha Subramanian (2024). Perspectives on Drivers of Biodiversity and Environmental Changes in the Keta Lagoon Ramsar Site of Ghana. *Sustainability*. https://doi.org/10.3390/su16020666

23. Iddrisu Salifu, **Denis Worlanyo Aheto**, Godwin Kofi Vondolia (2024). Unraveling the drivers of the adoption of improved fish smoking technology among small-scale fisheries: A case study of the Ahotor oven in Ghana. *Food and Humanity*. https://doi.org/10.1016/j.foohum.2024.100266

24. U. Rashid Sumaila, Lubna Alam, Patrizia R. Abdallah, **Denis Aheto**, Shehu L. Akintola, Justin Alger, Vania Andreoli, Megan Bailey, Colin Barnes, Abdulrahman Ben-Hasan and 26 others (2024). WTO must complete an ambitious fisheries subsidies agreement. *npj Ocean Sustainability*. https://doi.org/10.1038/s44183-024-00042-0

25. Sika Abrokwah, Ivy Serwaa Gyimah Akuoko, Margaret Fafa Awushie Akwetey, Mike Izava Olendo, Peter Kershaw, **Denis Worlanyo Aheto** (2023). Achieving sustainable source reduction of marine litter for ocean conservation in West Africa: Insights from single-use plastic consumers in Liberia. *Marine Policy*. https://doi.org/10.1016/j.marpol.2023.105937

26. Catarina Frazão Santos, Tundi Agardy, **Denis Aheto**, Edward H. Allison, Nathan J. Bennett, Jessica L. Blythe, Helena Calado, Larry B. Crowder, Jon C. Day, Asha de Vos and 20 others (2023). Advancing interdisciplinary knowledge for ocean sustainability. *npj Ocean Sustainability*. https://doi.org/10.1038/s44183-023-00026-6

27. Katherine Seto, Kelly Easterday, **Denis Aheto**, Godfred Asiedu, U. Rashid Sumaila, Kaitlyn Gaynor (2023). Evidence of spatial competition, over resource scarcity, as a primary driver of conflicts between small-scale and industrial fishers. *Ecology and Society*. https://doi.org/10.5751/es-13650-280106

28. Kwami Serge Foga Agbetossou, **Denis Worlanyo Aheto**, Donatus Bapentire Angnuureng, Leo Cornelius van Rijn, Koko Zébéto Houédakor, Emmanuel Kwadzo Brempong, Folly Serge Tomety (2023). Field Measurements of Longshore Sediment Transport along Denu Beach, Volta Region, Ghana. *Journal of Marine Science and Engineering*. https://doi.org/10.3390/jmse11081576

29. Ana Carolina Esteves Dias, Derek Armitage, Prateep Kumar Nayak, Shehu Latunji Akintola, Evans Kwasi Arizi, Ratana Chuenpagdee, Basanta Kumar Das, Sabiha Ahmed Diba, Raktima Ghosh, Moenieba Isaacs, … **Denis Worlanyo Aheto** and 64 others (2023). From vulnerability to viability: A situational analysis of small-scale fisheries in Asia and Africa. *Marine Policy*. https://doi.org/10.1016/j.marpol.2023.105731

30. Rodrigue Orobiyi Edéya Pèlèbè, Issa Nahoua Ouattara, Prudencio Tachégnon Agbohessi, Eloi Yatchégnon Attakpa, Precious Agbeko Dzorgbe Mattah, Elizabeth Effah, Jean Fall, **Denis Worlanyo Aheto**, Benjamin Obukowho Emikpe, Ibrahim Imorou Toko, Elie Montchowui, Célestin Melecony Ble (2023). Growth Performance and Proximate Composition of African Catfish (Clarias gariepinus) Cultured in Cages and Pens in Northern Benin Water Reservoirs Exposed to Cotton-field Effluents. *Aquaculture Studies*. https://doi.org/10.4194/aquast1038

31. Katherine L Seto, **Denis Worlanyo Aheto**, Theodore Kwadjosse, Kate O'Neill (2023). Local fishery, global commodity: the role of institutions in mediating intersectoral conflict, cooperation, and competition in a globalized fishery. *Environmental Research Letters*. https://doi.org/10.1088/1748-9326/acdca8

32. Gertrude L.A. Dali, **Denis W. Aheto**, John Blay (2023). Mangrove resource utilization and impacts in the Pra and Kakum estuaries of Ghana. *Regional Studies in Marine Science*. https://doi.org/10.1016/j.rsma.2023.103035

33. Daystar Babanawo, Precious Agbeko D. Mattah, Samuel K.M. Agblorti, **Denis Worlanyo Aheto** (2023). Perspectives on factors that influence local communities' vulnerability to coastal floods in Ketu South Municipality of Ghana. *International Journal of Disaster Risk Reduction*. https://doi.org/10.1016/j.ijdrr.2023.103646

34. Sèna Donalde Dolorès Marguerite Déguénon, Richard Adade, Oscar Teka, **Denis Worlanyo Aheto**, Brice Sinsin (2023). Sea-level rise and flood mapping: a review of models for coastal management. *Natural Hazards*. https://doi.org/10.1007/s11069-023-06225-1

35. Sèna Donalde Dolorès Marguerite Deguenon, Castro Gbêmêmali Hounmenou, Richard Adade, Oscar Teka, Ismaila Imorou Toko, **Denis Worlanyo Aheto**, Brice Sinsin (2023). Simulation of the Impacts of Sea-Level Rise on Coastal Ecosystems in Benin Using a Combined Approach of Machine Learning and the Sea Level Affecting Marshes Model. *Sustainability*. https://doi.org/10.3390/su152216001

36. Ernest Obeng Chuku, Kobina Yankson, Edward Adzesiwor Obodai, Emmanuel Acheampong, **Denis Worlanyo Aheto** (2023). Spatiotemporal spatfall dynamics and prevailing estuarine conditions for optimal oyster (Crassostrea tulipa) spat availability in selected Gulf of Guinea brackish systems. *Frontiers in Marine Science*. https://doi.org/10.3389/fmars.2023.1075313

37. Lou-Anne Chevrollier, Marja Koski, Jens Søndergaard, Stefan Trapp, **Denis Worlanyo Aheto**, George Darpaah, Torkel Gissel Nielsen (2022). Bioaccumulation of metals in the planktonic food web in the Gulf of Guinea. *Marine Pollution Bulletin*. https://doi.org/10.1016/j.marpolbul.2022.113662

38. Joshua Adotey, Emmanuel Acheampong, **Denis Worlanyo Aheto**, John Blay (2022). Carbon Stocks Assessment in a Disturbed and Undisturbed Mangrove Forest in Ghana. *Sustainability*. https://doi.org/10.3390/su141912782

39. Rosemary Agbeko, **Denis W. Aheto**, Daniel K.A. Asante, Noble K. Asare, Alex A. Boateng, Cynthia A. Adinortey (2022). Identification of molecular determinants of antibiotic resistance in some fish farms of Ghana. *Heliyon*. https://doi.org/10.1016/j.heliyon.2022.e10431

40. Daystar Babanawo, Precious Agbeko D. Mattah, Samuel K. M. Agblorti, Emmanuel K. Brempong, Memuna Mawusi Mattah, **Denis Worlanyo Aheto** (2022). Local Indicator-Based Flood Vulnerability Indices and Predictors of Relocation in the Ketu South Municipal Area of Ghana. *Sustainability*. https://doi.org/10.3390/su14095698

41. Setondé Constant Gnansounou, Kolawolé Valère Salako, Alberta Ama Sagoe, Precious Agbeko Dzorgbe Mattah, **Denis Worlanyo Aheto**, Romain Glèlè Kakaï (2022). Mangrove Ecosystem Services, Associated Threats and Implications for Wellbeing in the Mono Transboundary Biosphere Reserve (Togo-Benin), West-Africa. *Sustainability*. https://doi.org/10.3390/su14042438

42. Temiloluwa Jesutofunmi Akinyemi, **Denis Worlanyo Aheto**, Wisdom Akpalu (2022). Sampling Error and Its Implication for Capture Fisheries Management in Ghana. *Fishes*. https://doi.org/10.3390/fishes7060333

43. Ernest Obeng Chuku, Elizabeth Effah, Joshua Adotey, Sika Abrokwah, Richard Adade, Isaac Okyere, **Denis Worlanyo Aheto**, Karen Kent, Isaac Kofi Osei, Emmanuel Dami Omogbemi, Alphonse Adité, Kossi Ahoedo, Salieu Kabba Sankoh, Yaya Soro, Moussa Wélé, Dawda Foday Saine, Brian Crawford (2022). Spotlighting Women-Led Fisheries Livelihoods Toward Sustainable Coastal Governance: The Estuarine and Mangrove Ecosystem Shellfisheries of West Africa. *Frontiers in Marine Science*. https://doi.org/10.3389/fmars.2022.884715

44. Setondé Constant Gnansounou, Alberta Ama Sagoe, Precious Agbeko Dzorgbe Mattah, Kolawolé Valère Salako, **Denis Worlanyo Aheto**, Romain Glèlè Kakaï (2022). The co-management approach has positive impacts on mangrove conservation: evidence from the mono transboundary biosphere reserve (Togo-Benin), West Africa. *Wetlands Ecology and Management*. https://doi.org/10.1007/s11273-022-09894-0

45. Sena Donalde Dolores Marguerite Deguenon, O.N. Fabrice Baguere, Oscar Teka, **Denis Worlanyo Aheto**, Brice Sinsin (2022). Using of intensity analysis approach in Benin coastal zone (West Africa) to assess land use/land cover change for further decision making. *Heliyon*. https://doi.org/10.1016/j.heliyon.2022.e12384

46. Iddrisu Amadu, Frederick Ato Armah, **Denis Worlanyo Aheto**, Charles Atanga Adongo (2021). A study on livelihood resilience in the small-scale fisheries of Ghana using a structural equation modelling approach. *Ocean & Coastal Management*. https://doi.org/10.1016/j.ocecoaman.2021.105952

47. Iddrisu Amadu, Frederick Ato Armah, **Denis Worlanyo Aheto** (2021). Assessing Livelihood Resilience of Artisanal Fisherfolk to the Decline in Small-Scale Fisheries in Ghana. *Sustainability*. https://doi.org/10.3390/su131810404

48. Godfred A. Ameyaw, Martin Tsamenyi, Alistair McIlgorm, **Denis W. Aheto** (2021). Challenges in the management of small-scale marine fisheries conflicts in Ghana. *Ocean & Coastal Management*. https://doi.org/10.1016/j.ocecoaman.2021.105791

49. Elizabeth Effah, **Denis Worlanyo Aheto**, Emmanuel Acheampong, Samuel Kofi Tulashie, Joshua Adotey (2021). Human health risk assessment from heavy metals in three dominant fish species of the Ankobra river, Ghana. *Toxicology Reports*. https://doi.org/10.1016/j.toxrep.2021.05.010

50. I Okyere, DB Angnuureng, NK Asare, **DW Aheto** (2021). Report on Monthly Monitoring of SFMP COVID-19 Intervention Sites and Close-out for UCC's Activities. *The USAID/Ghana Sustainable Fisheries Management Project (SFMP). Narragansett, RI: Coastal Resources Center, Graduate School of Oceanography, University of Rhode Island, and Centre for Coastal Management, University of Cape Coast, Cape Coast, Ghana. GH2014_COV105_UCC*. https://www.crc.uri.edu/download/GH2014_COV105_UCC_FIN508.pdf

51. Francis K. E. Nunoo, Daniel J. Skerritt, Anna Schuhbauer, Sebastian Villasante, Andrés M. Cisneros-Montemayor, Hussain Sinan, Duncan Burnside, Patrízia Raggi Abdallah, Keita Abe, Kwasi A. Addo, … **Denis Aheto** and 89 others (2021). WTO must ban harmful fisheries subsidies. *Science*. https://doi.org/10.1126/science.abm1680

52. Donatus Bapentire Angnuureng, Philip-Neri Jayson-Quashigah, Rafael Almar, Thomas Christian Stieglitz, Edward Jamal Anthony, **Denis Worlanyo Aheto**, Kwasi Appeaning Addo (2020). Application of Shore-Based Video and Unmanned Aerial Vehicles (Drones): Complementary Tools for Beach Studies. *Remote Sensing*. https://doi.org/10.3390/rs12030394

53. Bernard Ekumah, Frederick Ato Armah, Ernest K. A. Afrifa, **Denis Worlanyo Aheto**, Justice Odoiquaye Odoi, Abdul-Rahaman Afitiri (2020). Assessing land use and land cover change in coastal urban wetlands of international importance in Ghana using Intensity Analysis. *Wetlands Ecology and Management*. https://doi.org/10.1007/s11273-020-09712-5

54. Selorm A Dzantor, **Denis W Aheto**, Comfort O Adeton (2020). Assessment of Vulnerability and Coping Livelihood Strategies of Fishermen in Elmina, Ghana. *East African Journal of Interdisciplinary Studies*. https://doi.org/10.37284/eajis.2.1.200

55. I Okyere, DB Angnuureng, NK Asare, **DW Aheto** (2020). COVID-19: mapping and baseline survey of fish landing beaches, processing sites and markets. *The USAID/Ghana Sustainable Fisheries Management Project (SFMP). Narragansett, RI: Coastal Resources Center, Graduate School of Oceanography, University of Rhode Island, and Centre for Coastal Management, University of Cape Coast, Cape Coast, Ghana. GH2014_COV119_UCC*. https://www.crc.uri.edu/download/GH2014_COV119_UCC_FIN508.pdf

56. Alberta Ama Sagoe, **Denis Worlanyo Aheto**, Isaac Okyere, Richard Adade, Justice Odoi (2020). Community participation in assessment of fisheries related ecosystem services towards the establishment of marine protected area in the Greater Cape Three Points area in Ghana. *Marine Policy*. https://doi.org/10.1016/j.marpol.2020.104336

57. Anita B. Ameyaw, Annette Breckwoldt, Hauke Reuter, **Denis W. Aheto** (2020). From fish to cash: Analyzing the role of women in fisheries in the western region of Ghana. *Marine Policy*. https://doi.org/10.1016/j.marpol.2019.103790

58. Bernard Ekumah, Frederick Ato Armah, Ernest K.A. Afrifa, **Denis Worlanyo Aheto**, Justice Odoiquaye Odoi, Abdul-Rahaman Afitiri (2020). Geospatial assessment of ecosystem health of coastal urban wetlands in Ghana. *Ocean & Coastal Management*. https://doi.org/10.1016/j.ocecoaman.2020.105226

59. Cynthia Ayefoumi Adinortey, **Denis Worlanyo Aheto**, Alex Asomeni Boateng, Rosemary Agbeko (2020). Multiple Antibiotic Resistance-Coliform Bacteria in Some Selected Fish Farms of the Central Region of Ghana. *Scientifica*. https://doi.org/10.1155/2020/6641461

60. Isaac Okyere, Ernest O. Chuku, Bernard Ekumah, Donatus B. Angnuureng, Justice K. Boakye-Appiah, David J. Mills, Raymond Babanawo, Noble K. Asare, **Denis W. Aheto**, Brian Crawford (2020). Physical distancing and risk of COVID-19 in small-scale fisheries: a remote sensing assessment in coastal Ghana. *Scientific Reports*. https://doi.org/10.1038/s41598-020-79898-4

61. **Denis Worlanyo Aheto**, Esther Acheampong, Justice Odoiquaye Odoi (2019). Are small-scale freshwater aquaculture farms in coastal areas of Ghana economically profitable? *Aquaculture International*. https://doi.org/10.1007/s10499-019-00363-9

62. R Adade, **Denis Worlanyo Aheto** (2019). Integrated assessment of changes in wetland types in The Songor Biosphere Reserve, Ghana. *International Journal of UNESCO Biosphere Reserves*. https://scholar.google.com/scholar?cluster=15062158088845240245&hl=en&oi=scholarr

63. EA Debrah, **DW Aheto** (2018). An assessment of the potential for mapping fishing zones off the coast of Ghana using ocean forecast data and vessel movement. *West African Journal of Applied Ecology*. https://www.ajol.info/index.php/wajae/article/view/182543

64. F. E. Jonah, O. Adams, **D. W. Aheto**, R. E. Jonah, E. A. Mensah (2017). Coastal zone management challenges in Ghana: issues associated with coastal sediment mining. *Journal of Coastal Conservation*. https://doi.org/10.1007/s11852-017-0511-y

65. Richard Adade, Benjamin Kofi Nyarko, **Denis Worlanyo Aheto**, Kingsley Nana Osei (2017). Fragmentation of wetlands in the south eastern coastal savanna of Ghana. *Regional Studies in Marine Science*. https://doi.org/10.1016/j.rsma.2017.03.003

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68. **Denis Worlanyo Aheto**, Stephen Kankam, Isaac Okyere, Emmanuel Mensah, Adams Osman, Fredrick Ekow Jonah, Justice Camillus Mensah (2016). Community-based mangrove forest management: Implications for local livelihoods and coastal resource conservation along the Volta estuary catchment area of Ghana. *Ocean & Coastal Management*. https://doi.org/10.1016/j.ocecoaman.2016.04.006

69. Daniel D. N. Nortey, **Denis W. Aheto**, John Blay, Fredrick E. Jonah, Noble K. Asare (2016). Comparative Assessment of Mangrove Biomass and Fish Assemblages in an Urban and Rural Mangrove Wetlands in Ghana. *Wetlands*. https://doi.org/10.1007/s13157-016-0783-2

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