Bapentire Donatus Angnuureng

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PROFILE

Bapentire Donatus Angnuureng is a Senior Research Fellow, as well as a tutor at the University of Cape Coast. At the Africa Centre of Excellence in Coastal Resilience, he is the coordinator for Research and Grants. Donatus has over 10 years of expertise in coastal processes, geomorphology, shoreline, currents, and the application of shore-based remote sensing for beach monitoring. His research is oriented toward the application of shore-based video and unmanned aerial vehicles (Drones) as complementary Tools for beach studies. Recent projects include the JICA SATREPS (ISEMAC-G) project, Coasts-Under-Control project funded by IRD-JEAI, France, and the HARMONY PROJECT funded by the National Geographic Society. His work looks at ways to establish quantifiable, easy-to-employ but ecologically reasonable metrics for identifying the combined impact of climate change and human-induced factors on coastal ecosystems.

RESEARCH

Interests	Coastal hydro-morhodynamics and Remote Sensing · Coastal processes · erosion · flooding · remote sensing · nearshore
Areas	Earth-Surface Processes · Ecology · Global and Planetary Change · Management, Monitoring, Policy and Law · Atmospheric Science · Oceanography

RESEARCH SUMMARY

70	1,294	22	28	3.62	44%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 70 publications listed below, 2011–2026. Field-weighted impact is the mean over the 55 works scored for it; 1.00 is the world average for works of the same field, type and year. 24 of the 55 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Senior Research Fellow 2022–present
ACECoR/Centre for Coastal Management, University of Cape Coast, Cape Coast, Ghana

Research Fellow 2018–2022
Centre for Coastal Management, University of Cape Coast, Cape Coast, Ghana

Research Assistant 2014–2016
Fisheries and Aquatic Sciences, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

Doctor of Philosophy 2012–2016
Environmental physics, University of Bordeaux, Bordeaux, France

Master of Science 2010–2011
Physical Oceanography and Applications, Université d'Abomey-Calavi, Cotonou, Benin

B.Sc Physics 2005–2009
Physics, University of Cape Coast, Cape Coast, Ghana

DISTINCTIONS, MEMBERSHIPS AND SERVICE

Member 2015–present
Coastal Education and Research Foundation, Fletcher, United States

Ghana Science Association
Centre for Coastal Management, Cape Coast, Ghana

PUBLICATIONS

Journal articles 60

1. Yusif Owusu, Komlan Agbéko Kpogo-Nuwoklo, Anthony Twum, **Bapentire Donatus Angnuureng** (2026). Assessment of Wave Data in West Africa for the Estimation of Wave Climate. *Coasts*. https://doi.org/10.3390/coasts6010008
2. Blessing Charuka, Viola M. van Onselen, Timothy F. Smith, Tsung-Yi Lin, **Donatus Bapentire Angnuureng** (2026). Coastal stakeholders' perspectives on nature-based solutions for coastal adaptation: A comparative study between Ghana and Taiwan. *Nature-Based Solutions*. https://doi.org/10.1016/j.nbsj.2026.100307
3. Yusif Owusu, **Bapentire Donatus Angnuureng**, Komlan Agbéko Kpogo-Nuwoklo, Anthony Twum, Francis Nkrumah, Blessing Nwanosike (2026). Comprehensive analysis of extreme wave events along the West African Coast: a study using WAVERYS data and peak over threshold (pot) method. *African Geographical Review*. https://doi.org/10.1080/19376812.2025.2611302
4. Michael O. Adu, Francis Kumi, Peter B. Obour, Emmanuel Arthur, Eric Oppong Danso, Samuel Banafo, Kofi Atiah, Kwadwo K. Amoah, Paul A. Asare, Joel Asiedu, **Donatus B. Angnuureng**, Stephen E. Moore (2026). Root system architecture and shoot canopy effects drive erosion control in Napier and Vetiver grasses. *Ecological Engineering*. https://doi.org/10.1016/j.ecoleng.2026.108126
5. Emmanuel K. Brempong, Rafael Almar, **Donatus B. Angnuureng**, Gregoire O. Abessolo, Olusegun A. Dada, Cheikh Omar Tidjani Cissé (2026). Understanding the drivers of Extreme Coastal Water Levels in West Africa from oceanic and climatic processes. *Discover Oceans*. https://doi.org/10.1007/s44289-026-00136-2
6. **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
7. Brière Christophe, **Angnuureng Bapentire Donatus**, Anwar Sajid, Mattah Precious, Paquereau-Gaboreau Tanguy, Seeman Irene, Vondolia Godwin Kofi (2025). Action plan for implementation of an ecosystem-based coastal management approach in Ghana. *Journal of Coastal Conservation*. https://doi.org/10.1007/s11852-025-01103-3
8. **Donatus Bapentire Angnuureng**, Blessing Charuka, Rafael Almar, Olusegun A. Dada, Richard Asumadu, Naomi Aku Agboli, Godwin Tutu Ofosu (2025). Challenges and lessons learned from global coastal erosion protection strategies. *iScience*. https://doi.org/10.1016/j.isci.2025.112055
9. Cheikh Omar Tidjani Cissé, Anoumou Rene Tano, Emmanuel.K. Brempong, Adelaïde Taveneau, Rafael Almar, **Donatus B. Angnuureng**, Boubou Aldiouma Sy (2025). Compounded influence of extreme coastal water level and subsidence on coastal flooding from satellite showcased at Saint-Louis (Senegal, West Africa). *Dynamics of Atmospheres and Oceans*. https://doi.org/10.1016/j.dynatmoce.2025.101597
10. Leandro B. Díaz, Carla Gulizia, Shipra Jain, Gaby S. Langendijk, Hindumathi Palanisamy, Valentina Rabanal, Candice S. Charlton, Alima Dajuma, Felix K. Donkor, Temitope S. Egbebiyi, … **Bapentire D. Angnuureng** and 26 others (2025). Connecting climate science and society: reflections from early and mid-career researchers at the World Climate Research Programme Open Science Conference 2023. *Frontiers in Climate*. https://doi.org/10.3389/fclim.2024.1501216
11. **Donatus Bapentire ANGNUURENG** (2025). Contribution of multisensor space observations in the study

of the hydrodynamic functioning of the Ivorian coastline. *Revue Ivoirienne des Sciences et Technologie*.

12. Janet Frimpomaa, Paul Kojo Mensah, Kwasi Twum Antwi-Agyakwa, **Bapentire Donatus Angnuureng** (2025). Sediment particle sizes and river discharge implications on shoreline change along Anlo Beach, Ghana. *Regional Studies in Marine Science*. https://doi.org/10.1016/j.rsma.2025.104095
13. Michael O. Adu, Peter B. Obour, Francis Kumi, Emmanuel Arthur, Paul A. Asare, Eric Oppong Danso, Samuel A. Banafo, Kwabena A. Sanleri, Hygienus Godswill, Kofi Atiah, Kwadwo K. Amoah, Joel B.K. Asiedu, Stephen E. Moore, **Donatus B. Angnuureng** (2025). Soil reinforcement potential of multifunctional crop plants on arable and non-arable tropical soils. *Geoderma*. https://doi.org/10.1016/j.geoderma.2025.117470
14. Frédéric Bonou, Raïssa Christelle Madiesseu Metem, Luis Pedro Almeida, **Bapentire Donatus Angnuureng**, Zacharie Sohou (2024). 40-Year Journey of Shoreline Changes Along the Benin Coast Using Satellite Data Through the CASSIE Tool. *Ocean Science Journal*. https://doi.org/10.1007/s12601-024-00185-8
15. Anoumou R. Tano, Sandrine Djakouré, Kouamé J. Koffi, Yves Kouadio, Yao Tchetche, **Donatus B. Angnuureng**, Angora Aman, François-Xavier B. D. Bouo, Appeaning Addo (2024). Effects of Natural Processes on Sea Level Change along the West African Coastline. *Open Journal of Marine Science*. https://doi.org/10.4236/ojms.2024.144005
16. **Bapentire Donatus Angnuureng**, Godwin T. Ofosu, Elijah Atambila Ayimbisa, Rafael Almar (2024). Evaluating the Consequences of the 2023 Akosombo Dam Spillage into the Volta River on Fuveme Beach, Ghana (West Africa). *Journal of Coastal Research*. https://doi.org/10.2112/jcr-si113-200.1
17. Blessing Charuka, **Bapentire Donatus Angnuureng** (2024). Investigation of the Socioeconomic Implications of Grey Coastal Infrastructure Used for Coastal Protection in Ghana. *Journal of Coastal Research*. https://doi.org/10.2112/jcr-si113-020.1
18. Ana Vila-Concejo, Thomas E. Fellowes, Shari Gallop, Irene Alejo, **Donatus B. Angnuureng**, Javier Benavente, Jorn W. Bosma, Emmanuel K. Brempong, Pushpa Dissanayake, Md Yousuf Gazi and 18 others (2024). Morphodynamics and management challenges for beaches in modified estuaries and bays. *Cambridge Prisms Coastal Futures*. https://doi.org/10.1017/cft.2024.7
19. G. O. Abessolo, R. Almar, **D. B. Angnuureng**, F. Bonou, Z. Sohou, I. Camara, A. Diouf, G. Alory, R. Onguéné, A. C. Mama, C. O. T. Cissé, B. A. Sy, I. Sakho, S. Djakouré, S. Yao, A. R. Tano, E. W. J. Bergsma, O. A. Dada (2023). African coastal camera network efforts at monitoring ocean, climate, and human impacts. *Scientific Reports*. https://doi.org/10.1038/s41598-023-28815-6
20. Blessing Charuka, **Donatus Bapentire Angnuureng**, Emmanuel K. Brempong, Samuel K.M. Agblorti, Kwesi Twum Antwi Agyakwa (2023). Assessment of the integrated coastal vulnerability index of Ghana toward future coastal infrastructure investment plans. *Ocean & Coastal Management*. https://doi.org/10.1016/j.ocecoaman.2023.106804
21. Emmanuel K. Brempong, Rafael Almar, **Donatus Bapentire Angnuureng**, Precious Agbeko Dzorgbe Mattah, Philip-Neri Jayson-Quashigah, Kwesi Twum Antwi-Agyakwa, Blessing Charuka (2023). Coastal Flooding Caused by Extreme Coastal Water Level at the World Heritage Historic Keta City (Ghana, West Africa). *Journal of Marine Science and Engineering*. https://doi.org/10.3390/jmse11061144
22. Blessing Charuka, **Donatus Bapentire Angnuureng**, Samuel K. M. Agblorti (2023). Contemporary Global Coastal Management Strategies and Coastal Infrastructure and Their Application in Ghana: A Systematic Literature Review. *Sustainability*. https://doi.org/10.3390/su151712784
23. **Bapentire Donatus Angnuureng**, Richard Adade, Ernest Obeng Chuku, Selorm Dzantor, Emmanuel Kwadzo Brempong, Precious Agbeko Dzorgbe Mattah (2023). Effects of coastal protection structures in controlling erosion and livelihoods. *Heliyon*. https://doi.org/10.1016/j.heliyon.2023.e20633
24. 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
25. E. K. Brempong, R. Almar, **D. B. Angnuureng**, P. A. D. Mattah, S. Y. Avornyo, P. N. Jayson-Quashigah, K. Appeaning Addo, P. Minderhoud, P. Teatini (2023). Future flooding of the Volta Delta caused by sea level

rise and land subsidence. *Journal of Coastal Conservation*. https://doi.org/10.1007/s11852-023-00952-0

26. Olusegun A. Dada, Rafael Almar, Pierre Morand, Erwin W. J. Bergsma, **Donatus B. Angnuureng**, Philip S. J. Minderhoud (2023). Future socioeconomic development along the West African coast forms a larger hazard than sea level rise. *Communications Earth & Environment*. https://doi.org/10.1038/s43247-023-00807-4

27. Kwesi Twum Antwi-Agyakwa, Mawuli Kwaku Afenyo, **Donatus Bapentire Angnuureng** (2023). Know to Predict, Forecast to Warn: A Review of Flood Risk Prediction Tools. *Water*. https://doi.org/10.3390/w15030427

28. Olusegun A. Dada, **Donatus B. Angnuureng**, Rafael Almar, Pierre Morand (2023). Linking human perception and scientific coastal flood risk assessment (Anlo Beach Community, Ghana). *Ocean & Coastal Management*. https://doi.org/10.1016/j.ocecoaman.2023.106758

29. **Donatus Bapentire Angnuureng**, Emmanuel Kwadwo Brempong, Rafael Almar (2023). MULTI-PLATFORM MONITORING OF COASTAL EROSION AT A POCKET BEACH. *Coastal Engineering Proceedings*. https://doi.org/10.9753/icce.v37.sediment.4

30. Blessing Charuka, **Donatus Bapentire Angnuureng**, Samuel K. M. Agblorti (2023). Mapping and assessment of coastal infrastructure for adaptation to coastal erosion along the coast of Ghana. *Anthropocene Coasts*. https://doi.org/10.1007/s44218-023-00026-6

31. Daniel Aja, Michael Miyittah, **Donatus Bapentire Angnuureng** (2023). Nonparametric assessment of mangrove ecosystem in the context of coastal resilience in Ghana. *Ecology and Evolution*. https://doi.org/10.1002/ece3.10388

32. Francis Kumi, Peter B. Obour, Emmanuel Arthur, Stephen E. Moore, Paul A. Asare, Joel Asiedu, **Donatus B. Angnuureng**, Kofi Atiah, Kwadwo K. Amoah, Shadrack K. Amponsah, Selorm Y. Dorvlo, Samuel Banafo, Michael O. Adu (2023). Quantifying root-induced soil strength, measured as soil penetration resistance, from different crop plants and soil types. *Soil and Tillage Research*. https://doi.org/10.1016/j.still.2023.105811

33. **Donatus Bapentire Angnuureng** (2023). levels with potential. *Coastal environment in a changing world*. https://books.google.com/books?hl=en&lr=&id=ihjEEAAAQBAJ&oi=fnd&pg=PA127&dq=info:1nOWeklndC8J:scholar.google.com&ots=PsOk1T4eDo&sig=Kygpg7Ap_GvNprYDu9PiwMtwyqQ

34. Eric Duku, Precious Agbeko Dzorgbe Mattah, **Donatus Bapentire Angnuureng** (2022). Assessment of wetland ecosystem services and human wellbeing nexus in sub-Saharan Africa: Empirical evidence from a socio-ecological landscape of Ghana. *Environmental and Sustainability Indicators*. https://doi.org/10.1016/j.indic.2022.100186

35. Rafael Almar, Thomas Stieglitz, Kwasi Appeaning Addo, Kader Ba, Gregoire Abessolo Ondoa, Erwin W. J. Bergsma, Frédéric Bonou, Olusegun Dada, **Donatus Angnuureng**, Olivier Arino (2022). Coastal Zone Changes in West Africa: Challenges and Opportunities for Satellite Earth Observations. *Surveys in Geophysics*. https://doi.org/10.1007/s10712-022-09721-4

36. **Donatus Bapentire Angnuureng** (2022). Compendium : Coastal Management Practices in West Africa - Existing and Potential Solutions to Control Coastal Erosion, Prevent Flooding and Mitigate Damage to Society. *http://documents.worldbank.org/curated/en/099749004272215393/IDU036749dbd0ad5e041e20ade5081d128f35ca2*. https://legacy.repository.oceanbestpractices.org/handle/11329/2241

37. Cheikh Omar Tidjani Cisse, Emmanuel K. Brempong, Adélaïde Taveneau, Rafael Almar, Boubou Aldiouma Sy, **Donatus Bapentire Angnuureng** (2022). Extreme coastal water levels with potential flooding risk at the low-lying Saint Louis historic city, Senegal (West Africa). *Frontiers in Marine Science*. https://doi.org/10.3389/fmars.2022.993644

38. Daniel Aja, Michael K. Miyittah, **Donatus Bapentire Angnuureng** (2022). Quantifying Mangrove Extent Using a Combination of Optical and Radar Images in a Wetland Complex, Western Region, Ghana. *Sustainability*. https://doi.org/10.3390/su142416687

39. **D.B. Angnuureng**, K.E. Brempong, P.N. Jayson-Quashigah, O.A. Dada, S.G.I. Akuoko, J. Frimpomaa, P.A. Mattah, R. Almar (2022). Satellite, drone and video camera multi-platform monitoring of coastal erosion at

an engineered pocket beach: A showcase for coastal management at Elmina Bay, Ghana (West Africa). *Regional Studies in Marine Science*. https://doi.org/10.1016/j.rsma.2022.102437

40. Raheem Abdul-Kareem, Noble Kwame Asare, **Donatus Bapentire Angnuureng**, Emmanuel K. Brempong (2022). Shoreline Variability of a Bay Beach: The Case of Apam Beach, Ghana. *Estuaries and Coasts*. https://doi.org/10.1007/s12237-022-01110-9

41. **D. B. Angnuureng**, G. Amankona, E. K. Brempong, E. Attipoe (2022). Short-term effect of sea defense on shoreline and wave variability in Elmina Bay, Ghana. *Journal of Coastal Conservation*. https://doi.org/10.1007/s11852-022-00906-y

42. Olusegun A. Dada, **Donatus B. Angnuureng**, Rafael Almar, Selorm Dzantor, Pierre Morand (2022). Social perceptions of coastal hazards in the Anlo Beach Community in the Western Region of Ghana. *Journal of Coastal Conservation*. https://doi.org/10.1007/s11852-022-00909-9

43. Eric Duku, Precious Agbeko Dzorgbe Mattah, **Donatus Bapentire Angnuureng**, Joshua Adotey (2022). Understanding the Complexities of Human Well-Being in the Context of Ecosystem Services within Coastal Ghana. *Sustainability*. https://doi.org/10.3390/su141610111

44. **Donatus Bapentire Angnuureng**, J Frimpomaa, IG Akuoko (2021). Assessing the challenges of beach quality: The perspective of beach users in Elmina, Ghana. *Journal of Fisheries and Coastal Management*. https://www.researchgate.net/profile/Mabel-Anim/publication/353588884_Assessing_the_challenges_of_beach_quality_The_perspective_of_beach_users_in_Elmina_Ghana/links/6109a6c51e95fe241aac1aee/Assessing-the-challenges-of-beach-quality-The-perspective-of-beach-users-in-Elmina-Ghana.pdf

45. Eric Duku, Precious Agbeko Dzorgbe Mattah, **Donatus Bapentire Angnuureng** (2021). Assessment of Land Use/Land Cover Change and Morphometric Parameters in the Keta Lagoon Complex Ramsar Site, Ghana. *Water*. https://doi.org/10.3390/w13182537

46. KoueKam K. Arnaud, Frédéric Bonou, Zacharie Sohou, **Donatus B. Angnuureng**, Rafael Almar (2021). Evaluation of hydromorphological conditions of Grand Popo Beach using two unique video cameras. *Interpretation*. https://doi.org/10.1190/int-2021-0023.1

47. Sunday O. Amoyedo, Olusanmi T. Emmanuel, Michael Oladapo, **Donatus B. Angnuureng**, Abderrahim Lafram (2021). Introduction to special section: Focus on Africa. *Interpretation*. https://doi.org/10.1190/int-2021-0907-spseintro.1

48. 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

49. Emmanuel K. Brempong, **Donatus Bapentire Angnuureng**, Kwasi Appeaning Addo, Philip-Neri Jayson-Quashigah (2021). Short-term seasonal changes of the Dzita beach of Ghana using geographic information system and photogrammetry. *Interpretation*. https://doi.org/10.1190/int-2021-0027.1

50. Philip-Neri Jayson-Quashigah, Kwasi Appeaning Addo, George Wiafe, Barnabas Akurigo Amisigo, Emmanuel Kwadzo Brempong, Susan Kay, **Donatus Bapentire Angnuureng** (2021). Wave dynamics and shoreline evolution in deltas: A case study of sandy coasts in the Volta delta of Ghana. *Interpretation*. https://doi.org/10.1190/int-2021-0028.1

51. Bruna Alves, **Donatus Bapentire Angnuureng**, Pierre Morand, Rafael Almar (2020). A review on coastal erosion and flooding risks and best management practices in West Africa: what has been done and should be done. *Journal of Coastal Conservation*. https://doi.org/10.1007/s11852-020-00755-7

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. 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

54. 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

55. **D. B. Angnuureng**, K. Appeaning Addo, R. Almar, H. Dieng (2018). Influence of sea level variability on a micro-tidal beach. *Natural Hazards*. https://doi.org/10.1007/s11069-018-3370-4

56. **Donatus B. Angnuureng**, Frédéric Bonou, Zacharie Sohou, Rafael Almar, Gael Alory, Yves du Penhoat (2018). Shoreline and Beach Cusps Dynamics at the Low Tide Terraced Grand Popo Beach, Bénin (West Africa): A Statistical Approach. *Journal of Coastal Research*. https://doi.org/10.2112/si81-018.1

57. **Donatus Bapentire Angnuureng**, Rafael Almar, Nadia Senechal, Bruno Castelle, Kwasi Appeaning Addo, Vincent Marieu, Roshanka Ranasinghe (2017). Shoreline resilience to individual storms and storm clusters on a meso-macrotidal barred beach. *Geomorphology*. https://doi.org/10.1016/j.geomorph.2017.04.007

58. **Donatus Bapentire Angnuureng**, Rafael Almar, Nadia Senechal, Bruno Castelle, Kwasi Appeaning Addo, Vincent Marieu, Roshanka Ranasinghe (2017). Two and three-dimensional shoreline behaviour at a MESO-MACROTIDAL barred beach. *Journal of Coastal Conservation*. https://doi.org/10.1007/s11852-017-0516-6

59. **Donatus B. Angnuureng**, Rafael Almar, Kwasi Appeaning Addo, Bruno Castelle, Nadia Senechal, Sowah W. Laryea, George Wiafe (2016). Video Oberservation of Waves and Shoreline Change on the Microtidal James Town Beach in Ghana. *Journal of Coastal Research*. https://doi.org/10.2112/si75-205.1

60. **Donatus Bapentire Angnuureng** (2013). Impact of sea defense structures on downdrift coasts: The case of Keta in Ghana. *Academia Journal of Environmental Sciences*. https://scholar.google.com/scholar?cluster=11946668952424319603&hl=en&oi=scholarr

Book chapters 1

1. **Donatus B Angnuureng**, Nanabanyin O Ekumah, E.G. Ayeta, Denis W Aheto (2026). Opportunities and Challenges for a Just Transition. *Just Transition and Climate Justice in Sub-Saharan Africa*. https://books.google.com/books?hl=en&lr=&id=hJDKEQAAQBAJ&oi=fnd&pg=PT104&dq=info:4_hm6wpS48oJ:scholar.google.com&ots=57b1DhCaSf&sig=v0GJ3M0M_DDMMDyU0IAmvYoCVc8

Conference papers 3

1. **DONATUS BAPENTIRE ANGNUURENG**, PHILLIP-NERI JAYSON-QUASHIGAH, KWASI APPEANING ADDO, DENIS WORLANYO AHETO, RAFAEL ALMAR, FREDERIC BONOU, EMMANUEL BREMPONG (2019). QUANTIFICATION OF THE SHORELINE EVOLUTION OF AN OPEN BEACH BETWEEN COASTAL DEFENSES. *Coastal Sediments 2019*. https://doi.org/10.1142/9789811204487_0135

2. **DONATUS BAPENTIRE ANGNUURENG**, RAFAEL ALMAR, NADIA SENECHAL, BRUNO CASTELLE, KWASI APPEANING ADDO, VINCENT MARIEU (2015). SHORELINE EVOLUTION UNDER SEQUENCES OF STORMS FROM 6-YEAR VIDEO OBSERVATION AT A MESOMACROTIDAL BEACH. https://doi.org/10.1142/9789814689977_0035

3. Appeaning Addo Kwasi, **D Angnuureng** (2014). COASTVAR 2015-2018: caractérisation de la variabilité littorale en Afrique de l'Ouest par une étude multi-échelle et multi-méthode [résumé]. *International Conference AWA (ICAWA)*. https://hal.science/hal-04374796/

Reports 3

1. **Donatus Bapentire Angnuureng** (2023). Baseline study West African Case Studies for Coastal Nature Based Solutions Commissioned by the Netherlands Enterprise Agency. *https://english.rvo.nl/sites/default/files/2025-06/Report%20Baseline%20Study%20West%20African%20NBS%202024.pdf*.

2. **Donatus B Angnuureng** (2023). Coastal Vulnerability: Perception survey in Anlo Beach (Ghana), 2021. *https://doi.org/10.23708/RN7RWS*.

3. **Donatus Bapentire Angnuureng** (2021). Stakeholder Engagement on Key Sustainable Development Issues

for Marine Spatial Planning in African Nations Bordering the Atlantic. *University of Liverpool*.

Theses 2

1. **Donatus Bapentire Angnuureng** (2016). Shoreline response to multi-scale oceanic forcing from video imagery. *Université de Bordeaux*. https://theses.hal.science/tel-01358567/
2. **Donatus Bapentire ANGNUURENG** (2011). Impacts of Keta Sea Defence Project (KSDP) on the downdrift coast. *University of Abomey-Calavi, Benin*. https://scholar.google.com/scholar?cluster=3465738108126972797&hl=en&oi=scholarr

Other publications 1

1. **DB Angnuureng** (2025). Bayesian-Based Modelling of Coastal Risk: The Case of the Volta Delta in Ghana. *Heliyon*.