

## Publications

- George,A., Jency Roshan, F &Rincy, A., Phytoremediation: A sustainable approach to addressing environmental contamination. Beyond Boundaries; Integrating insights from Diverse Disciplines,2025, ISBN 978-93-48843-56-2.
- Jency Roshan F &George,A. Wetlands the Cradles of Biodiversity. Beyond Boundaries; Integrating insights from Diverse Disciplines,2025, ISBN 978-93-48843-56-2.
- Rincy,A & George,A., A survey on scrap waste management in Attingal Municipality -Innovative Perspectives. Beyond Boundaries; Integrating insights from Diverse Disciplines,2025, ISBN 978-93-48843-56-2.
- Jency Roshan F., Sreejai, R & **George, A.** Multivariant Assessment of Physicochemical Characteristics of Kottakayal Wetland in South India: A pilot study on degraded ecosystem under the threat of sand and clay mining. Journal of Xidian University. Vol 18(8).  
2024.<https://doi.org/10.5281/Zenodo.13465103>
- Rincy, A & **George, A** . Solid Waste Management of Attingal Municipality Kerala, India-A case study. Journal of Xidian University. Vol 18(10).  
2024.<https://doi.org/10.5281/Zenodo.13465103>
- George, A., Venugopal,A &Vashisht,A.K. Heavy metal contamination in soil and groundwater around industrial areasof Kollam District, Kerala, India. Environmental Monitoring Assessment. 195,265(2023).
- Rincy,A & George,A.Solid waste management Practices; A Case study of Kerala,India . Recent Trends in Material Science. Bhumi Publishing India.2023., ISBN 978-93-88901-83-3.
- George, A., Najila,N. Heavy metal absorption and phytoremediation capacity of macrophytes of Polachira wetland of Kollam District, Kerala, India. Research Journal of Chemistry and Environment 26(1)90-96, (2022).
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- George,A., Current status of water resources of Kerala, Impact of Climate Change: Biodiversity and Environment ISBN No.978-93- 8971-938-3(HB) Pages xvi+320978-93-89719-38-3 (2021).
- Bindhu,P .,**George,A.** Water quality assessment of selected sites of Ithikkara river of Kollam district, Kerala with special reference to bacteriology. Impact of Climate Change: Biodiversity and Environment ISBN No.978-93-8971-938-3(HB) Pages xvi+320978-93-89719-38-3. (2021)
- George,A;Vashisht,A.K. Impact of Climate Change: Biodiversity and Environment ISBN No.978-93-8971-938-3(HB) Pages xvi+320978-93-89719-38-3.(2021)
- George,A . Chlorine status and drinking water quality monitoring within a public distribution system of Kollam district. In Book:Environmental and Sustainable Development Through Forestry and other Resources.ISBN :13:978-1-77188-811-0. Apple Academic Press, CRC Taylor and Francis Group. (2020)(Book Chapter).
- Vincy,M.V., Shimi,S.S, Brilliant, R.,George,A., Alexander,T. Assessment of water quality and plankton communities of Kulathupuzha Gramapanchayat of Kollam District, Kerala . Ecochronicle. 13(2). ISSN 0973-4155 (2018).
- **Anila,G.**, S.M.Nivedi., Najila Nizar. Ecological studies on Polachira wetland of Kollam district with special reference to avian fauna and water quality. Emerging Challenges in Biodiversity Conservation with special reference to recent trends in Ecotoxicology. ISBN:978-93-5291-469-2. (2018).
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- Nansi S.S., **Anila, G** & Jency Roshan F. Microbial Contamination of some Indian Currency Notes in Circulation. Contemporary Techniques in Environmental Research and Conservation, 2014.ISBN:978-93-83083-81-7. (2014).
- Jyothiram P. K, **George, A** & Jency Roshan F. Vermicomposting of leaf litter and vegetable waste using *Eudrillus euginae*. Contemporary Techniques in Environmental Research and Conservation, 2014. ISBN:978-93-83083-81-7. (2014)
- Jency Roshan F & **George, A.** Drinking water quality, awareness and its impact on student's health in government schools of Anchal panchayat. Contemporary Techniques in Environmental Research and Conservation, 2014. ISBN: 978-93-83083-81-7. (2014).
- **George, A** . "Potential impacts of climate change on ground water resources of Kerala". In Proceedings: National conference on Understanding the environmental history of India: Re-looking Environment protection in the context of global warming and climate change" on 20& March,2012 held at S.N College, Chempazhanthi, Thiruvananthapuram.
- **George, A** & V.R.Prakasam. Distribution of fluoride in Kerala with special reference to Edamulackkal grama panchayat, Kollam district. Indian Journal of Environmental Protection, 28(4)340-344.(2008).
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**Research Papers presented and published in International /National seminars**

- Bindhu,P &**Anila George**. (2019). Study on hydrochemistry and microbial characteristics of groundwater in the basins of Neyyar River..One Day National Seminar on Advances in Earth and Environmental Sciences organized by The School of Earth System Sciences,University of Kerala on 20.09.2019 at Thiruvananthapuram.
- Nivedi, S. M &**Anila George**. (2018).Water quality analysis of groundwater for drinking purpose by using water quality index method in Azhoor Grama Panchayat, Thiruvananthapuram. International Conference on Water Resource: Innovation in Quality and Quantity, Sustainable Development Challenges and Management organized by Dept. of Environmental Sciences &Geology, University of Kerala, Trivandrum.
- Aleesha, A and **Anila, George** (2018).Comparison of sediment properties of two mangrove areas in Kollam district. National seminar on conservation of wetland ecosystem for long term ecological security organized by Dept. of Botany, SN College, Kollam.
- **Anila George** & Jency Roshan F. (2014).Ecotourism as a social -ecological system: A case study of Thenmala Ecotourism project.UGC sponsored National seminar on Role of plant systematics in biodiversity and its conservation, Department of Botany,S.N College, Cherthalla, March 2014.
- Jency Roshan F & **Anila George**. (2014) . Waste-management in the coastal villages of Kollam City. UGC sponsored National seminar on Role of plant systematics in biodiversity and its conservation. Department of Botany, S.N College, Cherthala, March 2014.
- Sharika R. N., **Anila George** & Jency Roshan F. (2014). Study of Water Holding Capacity of different treated and untreated soils using various admixtures in a UGC sponsored National Seminar on Recent Trends and Challenges in Environmental Biotechnology held at S. N College, Punalur on 20&21 Feb 2014.
- Jency Roshan F and **Anila George**. (2014). Effect of Different Doses of Ashwagandha on Growth Performance of *Oreochromis mossambicus* in a UGC sponsored National Seminar on Recent Trends and Challenges in Environmental Biotechnology held at S.N College, Punalur on 20&21 Feb 2014.

- **Anila George.**, Jency Roshan F & Dhanuja P. A. (2014). Effect of cow dung ,vermicompost, saw dust, neemcake and chemical fertilizers(NPK) on *Pisum sativum* and Marigold'. Proc. of 26<sup>th</sup> Kerala Science Congress, Pookode, Wayanadu: 28-31 Jan 2014.
- **Anila George** and Anusha C. M. (2013). Presented a paper entitled on 'Treatment of Diary Waste Water by using a traditional herbal coagulant *Moringa Oleifera*.' in an international conference on Ecosystem Conservation ,Climate Change And Sustainable Development on October 3-5 ,2013 held at Thiruvananthapuram.
- **Anila George. (2013).** Presented a paper on 'Solid Waste Management' in State Awareness Campaign- Paristhikam 2013-2014 held at St. John's College Anchal on 02<sup>nd</sup>-31<sup>st</sup> Dec 2013.
- **Anila George (2013).** Presented a paper on 'Gandhi as an Environmentalist' in the National seminar on Gandhian vision of development for a progressive nation organized by the Centre for Gandhian studies on 11-13 March 2013.
- **Anila George** and Dhanuja, P. A (2012). Effect of organic manure and chemical fertilizers on the growth of *Pisum sativum*. Proc, of Kerala Environment Congress on 16-18 August, 2012 held at Thiruvananthapuram.
- **Anila George** and Dhanuja, P. A (2012). Comparative study on the effect of cow dung ,vermicompost ,saw dust, neemcake and chemical fertilizers(NPK) on *Pisum sativum* and Marigold' National seminar on Recent trends and future prospects of biodiversity and conservation on March 15&16 held at S.N College ,Punalur.
- **Anila George** and Dhanuja, P.A (2012). Treatment of soil by adding organic manure and chemical fertilizers on the growth of Marigold" on National Biodiversity Congress December 27-30, 2012 held at Thiruvananthapuram, Kerala.
- **Anila George** and Jyothiram P. K (2012). Vermicomposting of leaf litter and vegetable waste using *Eudrillus Euginae*". National seminar on Waste management with special reference to Vermiculture and Vermicompost held at Iqbal college, Peringammala, Thiruvananthapuram, Kerala on 19-20 September 2012.
- **Anila George** and V. R. Prakasam. (2011) Survey on water status of drinking water in Edamulakkal panchayat, Kerala. Proc. of National seminar on Emerging Trends in 'Biodiversity Conservation and Sustainable Management' held at Christian College, Chengannur, Kerala from 25-26 August 2011.
- **Anila George** and V. R. Prakasam. (2011).Evaluation of ground water potential zones using remote sensing and GIS '. International conference on Climate Change, Forest Resource and Environment organized by Dept. of Environmental Sciences on 9-11, Dec 2011.

- **Anila George (2009).** Investigation on Water Resources of Edamulakkal grama panchayat of Kerala' National seminar on Emerging Trends in Environment and Development with a focal theme on Climate Change and Water Resources held at department of Environmental sciences, University of Kerala , Kariavattom on 8-9 Oct 2009.
- **Anila George and V. R. Prakasam. (2008).** Conference on rivers of Kerala-Problems and prospects (2008): Presented a paper entitled “Water quality of Ithikkara river passing through Edamulackkal panchayat” held at St. Albert’s College, Ernakulam on 17-18 October 2008.
- **Anila George. (2007).** Survey on status of drinking water in Edamulackkal panchayat, Kerala” in National Seminar on Hydrology with a special colloquim on rainfall versus water resources in North East India, held at NEHU at Shillong, Meghalaya on 26-28 October, 2007.
- **Anila George. (2007):** Presented a paper entitled “Distribution of Fluoride in Kerala with special reference to Edamulackkal grama panchyat”. National Conference on Environmental Challenges and Management held at Bharathiar University, Coimbatore on 8-9 March 2007.
- **Anila George. (2007).** Presented a paper entitled “Occurrence of fluoride in water- A panchayat wise study of Kollam district” in Kerala Environment Congress held at Thiruvananthapuram on 8-10 May 2007.