**How far natural product chemists contribute to environment?**

**Abdelhafeez MA Mohammed**

Department of Chemistry, Rabigh College of Science & Arts, King Abdulaziz University, PO Box 344, Rabigh 21911, Saudi Arabia

**0000-0002-4979-437X**

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| **ABSTRACT**The broadest definition of Natural product (NP) is anything that is produced by life. Natural products help to reduce chemical pollution, preserve biodiversity, conserve water, minimize packaging waste, support sustainable practices, serve as bioindicators and promote the use of renewable resources. So, natural product chemists play a significant role in helping the environment through their research and development efforts. Here are several examples in which natural product chemists contribute to environmental sustainability by using green extraction methods, green synthetic methods, developing biodegradable materials and products, contribute to environmental monitoring pollutants, explore the potential of natural compounds as alternatives to synthetic chemicals in various industries, contribute to the preservation of ecosystems and the sustainable use of natural resources [1-5].Herein the author aimed to introduce the ways in which natural product chemists contribute to environment.**References:** [1] Rodrigo Martins, Ana Barbosa, Bárbara Advinha, Hélia Sales, Rita Pontes and João Nunes. (**2023**). Green Extraction Techniques of Bioactive Compounds: A State-of-the-Art Review. Processes, 11, 2255. <https://doi.org/10.3390/pr11082255>[2] Milena Popova1, Vassya Bankova (**2023**). Contemporary methods for the extraction and isolation of natural products, BMC Chemistry, 17: 68. <https://doi.org/10.1186/s13065-023-00960-z>[3] Raya QA Al-Ansi, Abdelhafeez MA Mohammed, Mahmoud M. Ali, Wadie AM Ghalib, Sajan C Ponnappa (**2021)**. Monitoring Heavy Metal Pollution at Al-Buraihi Sewage Station in Taiz, Yemen Using Napier Grass (*Pennisetum Purpureum* Schumach.) as a Bioindicator, European Journal of Engineering Science and Technology, 4(2): 14-33. https://doi.org /10.33422/ejest.v4i2.433[4] Raya Q Alansi, Abdelhafeez MA Mohammed, Mahmoud M Ali, Wadie AM Ghalib, Sajan C Ponnappa (**2021)**.Determination of Heavy Metals in Groundwater around Al-Buraihi Sewage Station in Taiz City, Yemen. Journal of Health and Pollution, 11(30), 1-12. <https://doi.org/10.5696/2156-9614-11.30.210604>[5] Samaher RE Almisbah, Abdelhafeez MA Mohammed, Abdelaziz Elgamouz, Alaa Bihi, Abdelnasser Kawde (**2023)**. Green synthesis of CuO nanoparticles using *Hibiscus sabdariffa* L. extract to treat wastewater in Soba Sewage Treatment Plant, Sudan, Water Science & Technology 87(12), 3059 <https://doi.org/10.2166/wst.2023.153>**.** |

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