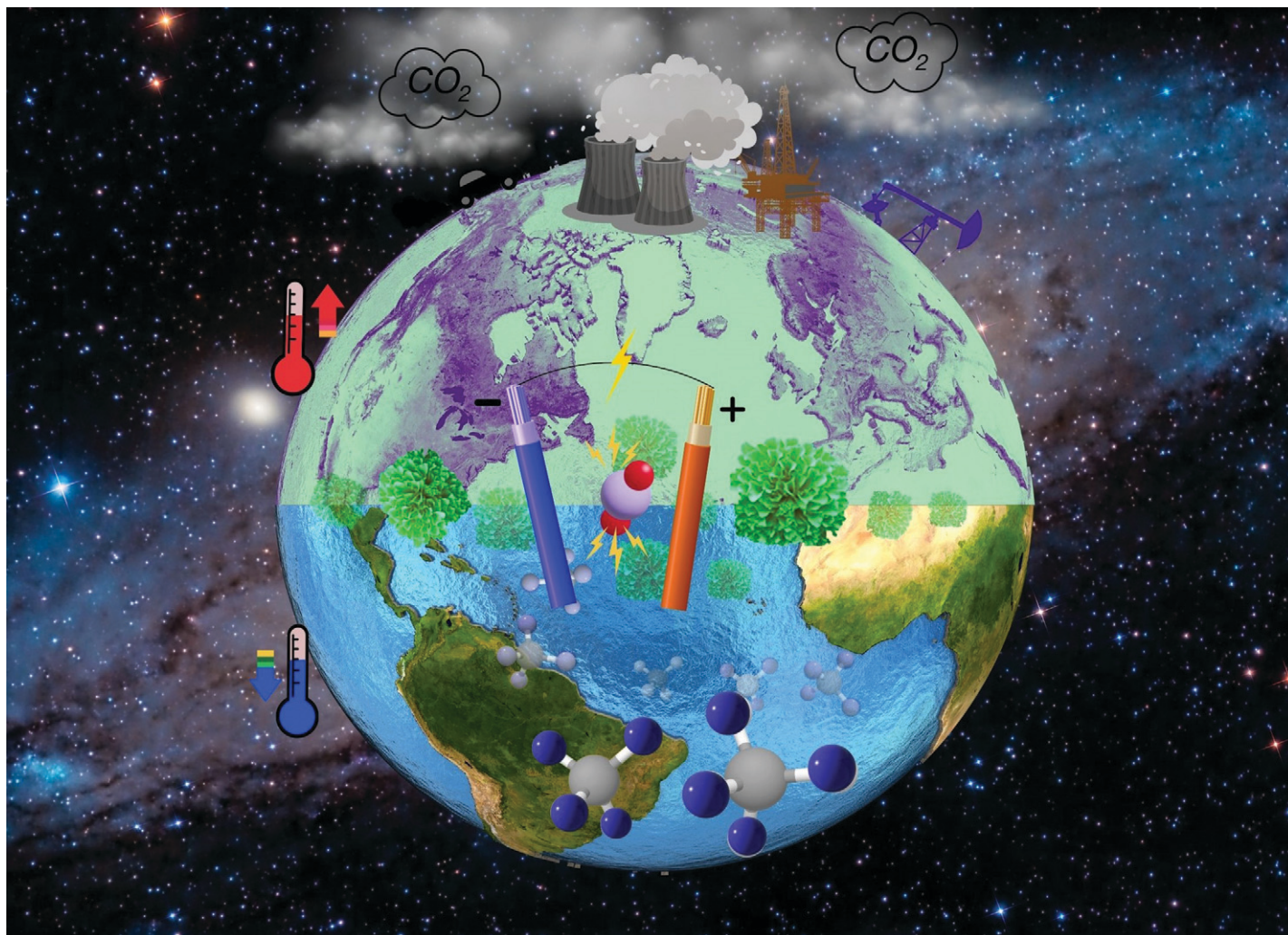




Showcasing research from Professor Bastakoti's laboratory,
Department of Chemistry, North Carolina A&T State
University, USA.

Nanosheet assembled microspheres of metal (Zn, Ni, and Cu) indium sulfides for highly selective CO_2 electroreduction to methane

The nanoporous metal indium sulfide microspheres were synthesized to efficiently convert CO_2 into fuels. The interconnected nanosheet structure in the microsphere with high surface area and accumulation of charge around indium to sulfur make them excellent catalysts for highly selective electroreduction of CO_2 into CH_4 .

As featured in:



See Bishnu Prasad Bastakoti *et al.*,
Catal. Sci. Technol., 2024, **14**, 4479.