

Energy – A unifying principle in biogeosciences

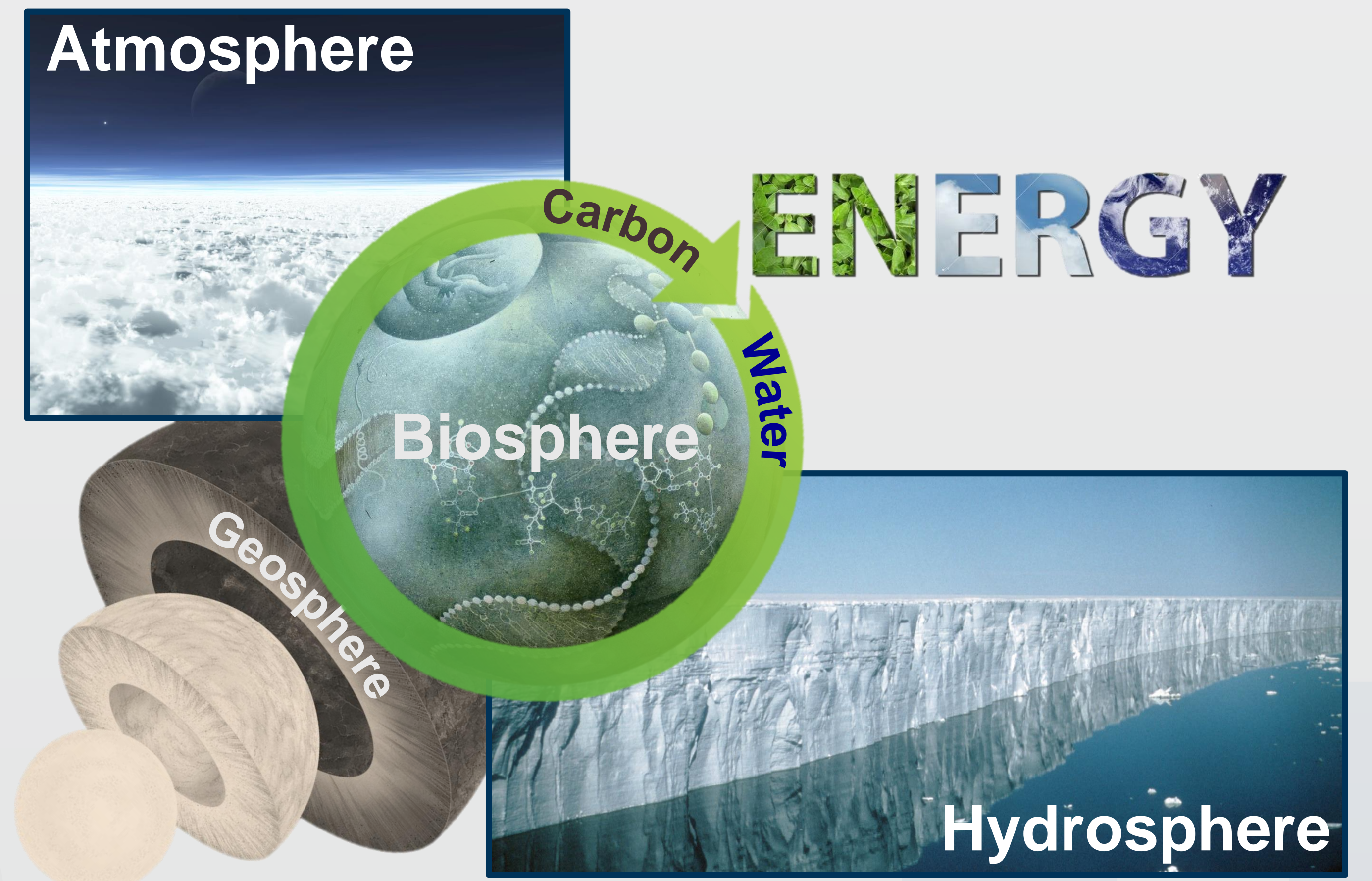
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Who we are:

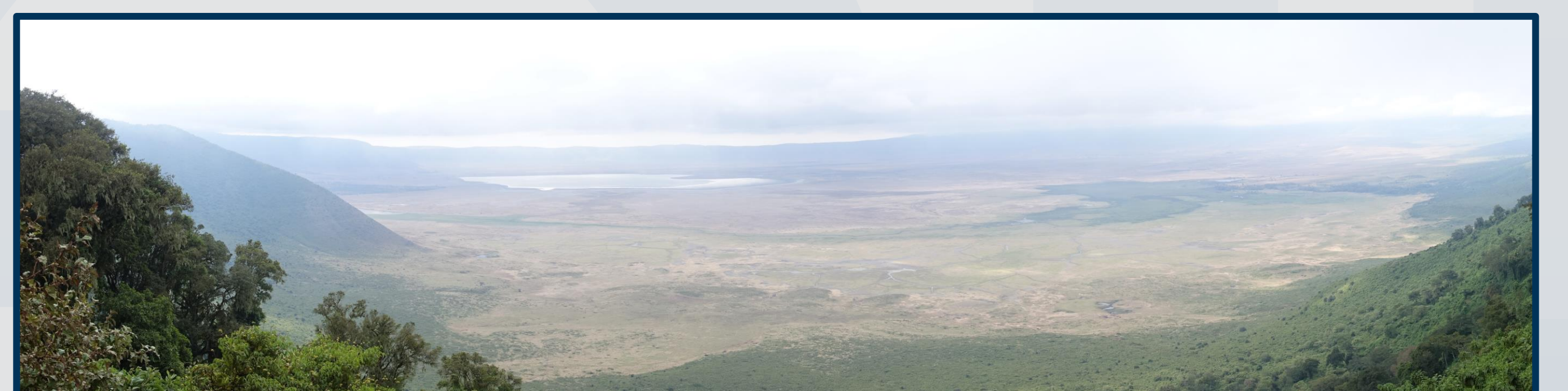
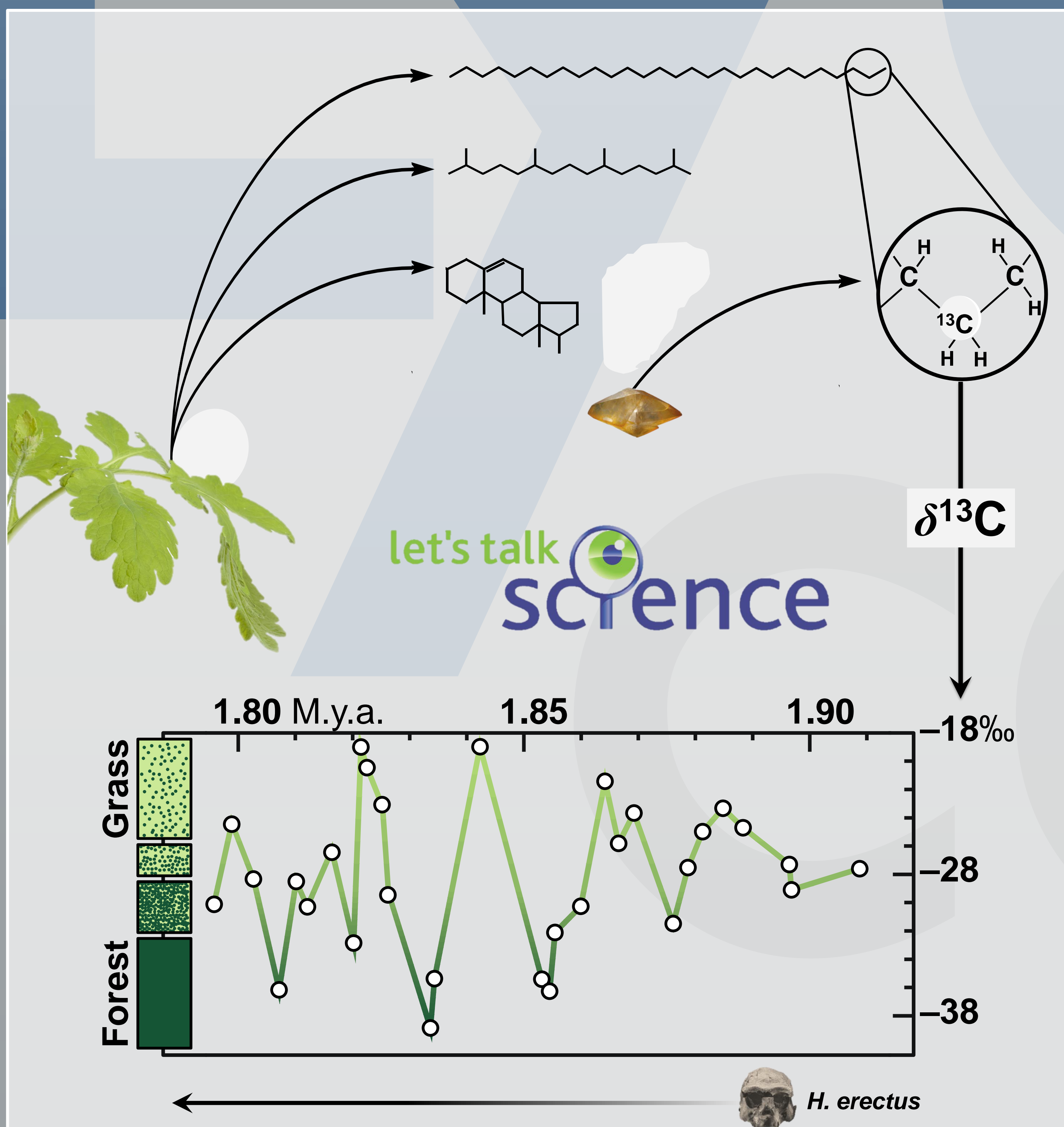
Our research focuses on understanding (paleo)energy processes and their influence on organisms' adaptation and behavior, as revealed from organic molecular and isotopic signatures.

Current research themes:

- Dietary patterns and behavior of human ancestors (hominins)
- Tropical (paleo)environmental trends during primate evolution
- Organic carbon dynamics during production, mobilization and transport from river systems and into the ocean
- Analytical innovation and developing geochemical indices (e.g., proxies)



Earth's carbon and hydrologic (water) cycles are inseparably paired through its dynamic energy processes, which leave geochemical fingerprints in organic and lithologic materials.



Our research takes us all over the world – from sub-Saharan mountains and desert to coastal Arctic cemeteries!