

Description of Additional Supplementary Files

File Name: Supporting Information

Description: The supplementary figures (Fig. S1-Fig. S14) and supplementary tables (Table S1-S6) are provided in relation to the main text.

File Name: Supplementary Data

Description: Groundwater nitrate concentration and isotope data from a total of 4,047 groundwater sites in China were compiled from available published papers since 2000. Including sampling sites, groundwater types, groundwater depth, NO_3^- , $\delta^{15}\text{N}-\text{NO}_3^-$, $\delta^{18}\text{O}-\text{NO}_3^-$, EC, Eh, pH, TDS, water temperature, DO, DOC, and data source papers.