

Supporting information.

**One-pot synthesis of Ceria-Graphene Oxide composite for efficient removal
of arsenic species**

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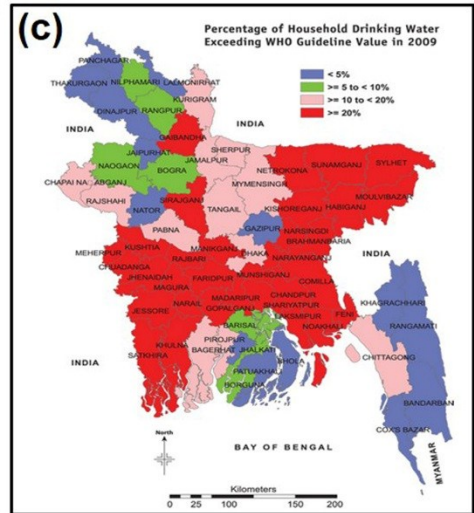
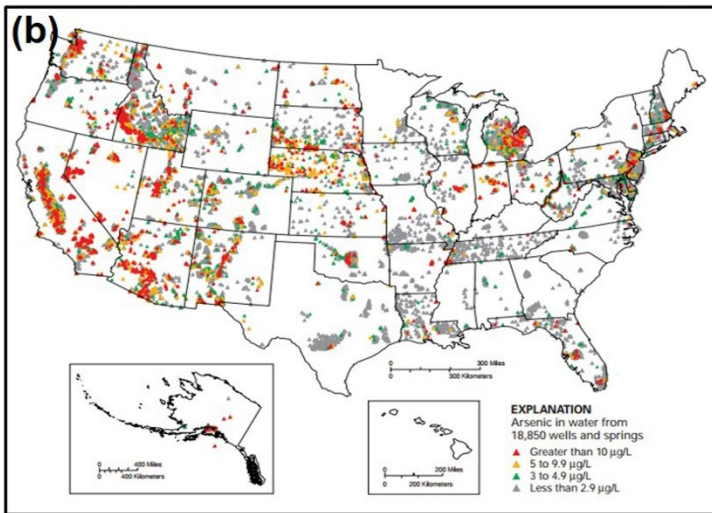
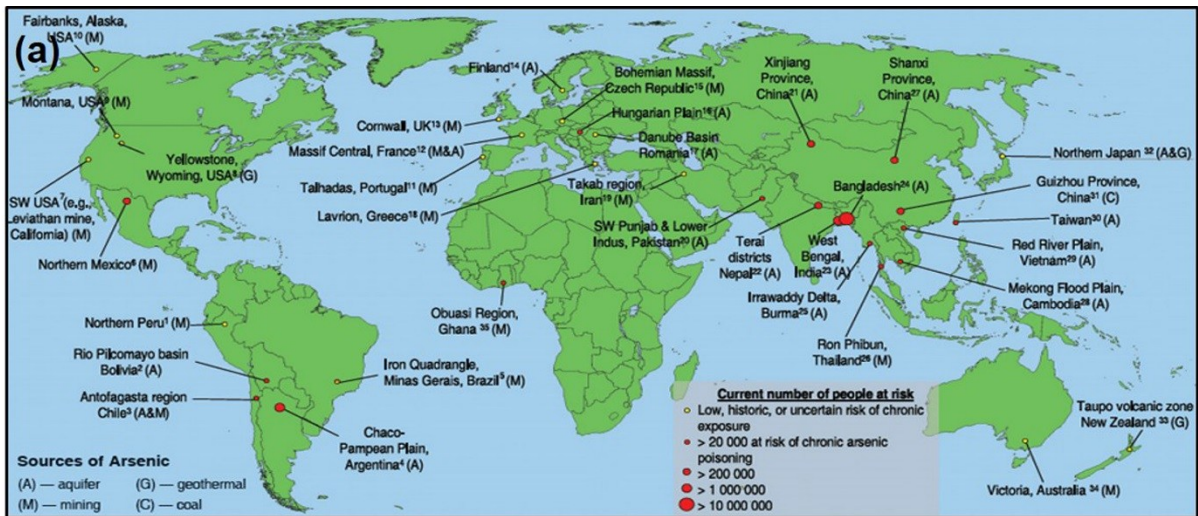


Figure S1. Images of arsenic contamination in ground water (a) globally, (b) the United States, and (c) Bangladesh [1-3].

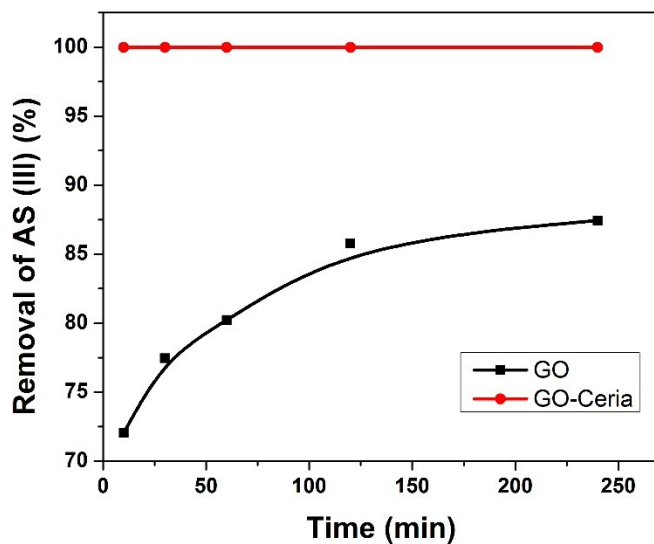


Figure S2. Kinetic adsorption results for graphene oxide vs GO-Ceria composite on As (III).

References:

1. A. H. W. Michael J. Focazio, Sharon A. Watkins, Dennis R. Helsel, and Marilee A. Horn, *USGS*, 2011.
2. U. FAO, WHO and WSP, *UNICEF*, 2010.
3. K. M. Karin Kemper, *WSP Arsenic Publications* 2005.