

## Special Issue

# Efficient Purification and Recycling of Heavy Metals in Wastewater

### Message from the Guest Editor

Metal-containing products are related to many activities of human life. Their production inevitably brings heavy metal (HMs) pollutants into the environment. The typical industries include mining plating, dying, tanning, printing, etc. The concentration of Ni, Cu, Zn, Pb, Cr, Cd, As, etc. in wastewater is up to hundreds mg/L. It would be disastrous if they were not properly removed before discharge since most HMs are highly toxic and cumulative in plants and animals. During decades of industry development, many surface water and underground water were polluted with HMs. We will accept manuscripts from various topics in different viewpoints for the enhanced control of HM pollution. Here are some examples of topics that could be addressed in this Special Issue:

- New technology for HM removal;
- Modifications in traditional technology;
- HM recycling in wastewater or solid waste;
- Fate and control of HMs in typical industrial wastewater (plating, dying, mining, etc.);
- Selective separation of mixture HMs;
- Novel HM-affined adsorbents;
- Interface chemistry during removal and recycling.

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 November 2023)



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### Editor-in-Chief

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