Center for the Study of Metals in the Environment (CSME)

❖ CSME is a multi-institutional consortium of scientists and engineers working to further the understanding of processes affecting the fate and effects of metals in aquatic and terrestrial ecosystems.

❖ Significant gaps in the ability to predict the fate and effects of metals in both aquatic and terrestrial systems hamper appropriate risk assessments and cost-effective risk management. In these situations, decisions include many assumptions and the application of safety factors.

❖ The focus of the Center is on developing appropriate information so that regulatory decisions will be based on sound scientific principles.

❖ Sponsors include
  ➢ Environmental Protection Agency (EPA)
  ➢ National Institute of Environmental Health Sciences (NIEHS)
  ➢ International Copper Association (ICA)
  ➢ European Copper Institute (ECI)
  ➢ Copper Development Association (CDA)
  ➢ Nickel Producers Environmental Research Association (NiPERA)
  ➢ International Council on Mining and Metallurgy (ICMM)
  ➢ Water Environment Research Foundation (WERF)

❖ Academic partners include
  ➢ Colorado School of Mines
  ➢ University of Delaware
  ➢ Manhattan College
  ➢ McMaster University
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  ➢ Oklahoma State University
  ➢ University of Wyoming

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