

## IUPAC Project Progress Report

**Project number:** 2002-032-1-500

**Project Title:** Solubility data of compounds relevant to mobility of metals in the environment.  
Metal carbonates (Mn, Fe, Co, Ni, Cu, Zn, Ag, Cd, Hg, Pb)

**Task Group Leader:** Heinz Gamsjäger

### Report:

1. Current status of project:

Ongoing project. The various metals are in different stages. Ni: compilation and evaluation completed. Cd, Zn, Cu, Fe: compilation and evaluation essentially completed. Mn: compilation advanced, evaluation started. Pb, Co, Hg, Ag compilation advanced, evaluation not yet started.

2. Progress relative to 'milestones':

*Relative to 'milestones' given in the original project submission form, the project is about seven months late.*

3. Difficulties encountered (or concerns):

*Activities connected with the 3<sup>rd</sup> Annual Meeting of the IUPAC Subcommittee of Solubility and Equilibrium Data and the 11<sup>th</sup> International Symposium on Solubility Phenomena, though very stimulating with respect to this project, meant time consuming commitments for HG (Chair SSED) and CM (Host ISSP).*

4. Projected completion date (documents ready for external review):

*The draft of this SDS volume is expected to be ready for external review by the end of 2005.*

5. Intended outputs and the dissemination plan for this project:

The results of this project will be published in JPCRD and will eventually be included in the web-accessible solubility database maintained by the US National Institute of Standards and Technology. A paper or poster with the provisional title "Solubility of metal carbonates, data relevant to the mobility of metals in the environment" could be contributed and presented at the 40<sup>th</sup> IUPAC Congress 2005 in Beijing, China.

6. Work on this project has identified issues and/or opportunities for related projects:

*None*