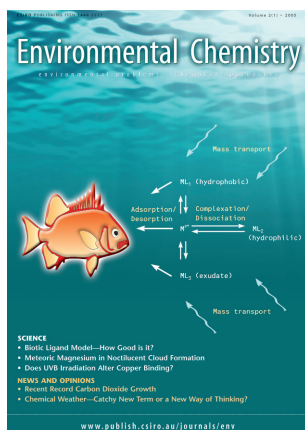


Environmental Chemistry

environmental problems • chemical approaches

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The speciation (such as bound versus free, coordinated versus in-cell) of trace metals greatly influences the biological effect; whether a metal is actually bioavailable for a given speciation state is less clear. How well does the popular Biotic Ligand Model predict metal speciation? Learn more about its strengths and limitations in the review by Slaveykova and Wilkinson (p. 9).

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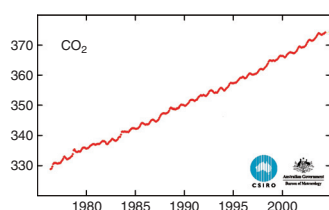
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Atmospheric CO₂ is linked to the enhanced greenhouse effect and climate change. Its levels are carefully monitored and guide global CO₂ emission protocols, but the monitoring networks are under attack, as described by Francey (p. 3).

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