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Metals in coastal zones impacted with urban and industrial wastes:
insights on the metal accumulation pattern in fish species

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Abstract

The pollution of aquatic environments is a worldwide problem of difficult solution since these environments are used for the disposal and dilution of anthropogenic wastes. This study evaluated the concentrations of Cd, Cu, Ni and Zn in the gills, liver and muscle tissues of six economically important fish species from the Bahía Blanca estuary in Argentina, a coastal environment that is under anthropogenic pressure.

Metal contents in 147 fish samples were determined by digestion and a subsequent analysis with an ICP OES. The concentrations ($\mu\text{g/g}$, wet weight) of each metal in the fish tissues ranged

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