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SBC-MEDIU: A MULTI-EXPERT SYSTEM FOR ENVIRONMENTAL DIAGNOSIS

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Abstract

An efficient environmental management system needs some air, water and soil pollution analysis software tools. The paper presents a multi-expert system, SBC-MEDIU, developed for environmental diagnosis. The system has three modules: SBC-AIR, the module for air pollution analysis and dispersion assessments, SBC-WATER, the module for surface water pollution analysis, and SBC-SOIL, the module for soil erosion risk assessments. The experimental results obtained so far are also discussed.

Key words: air pollution, artificial intelligence, expert system, soil pollution, water pollution

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