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**Posición y cargo:** Profesor Titular de Universidad

**Grupo de Investigación:** El Suelo y su Impacto Ambiental (SIAM). Programa I+D CARESOIL

**Docencia:** Grado en Farmacia y Grado en Ciencia y Tecnología de los Alimentos (CYTA)

**Área de Conocimiento:** Edafología y Química Agrícola

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Web: <https://www.ucm.es/caresoil/>

**Biography:** B.S. (1977) and Ph.D. (1985) degree and doctorate in Pharmacy at the Complutense University (Madrid). Published more than 90 scientific papers, reviews, monographs and book chapters; participated in more than 25 funded projects, contracts and research activities. She is a member of the SIAM research group which is part of the R&D programme CARESOIL. She is a member of the Committee Draft ISO/CD 201 30 Soil quality - measurement of enzyme activity pattern in soil samples. Member of the International Society of Soil Science since 1980. Member of the Spanish Society of Soil Sciences for the same period. She has six favourable assessments recognised for her teaching activity, three of them with a rating of excellent, and two levels of research activity (current).

**Research Interest:** Pollution is a major threat to soils and poses a serious risk to food safety, human health and the environment. The SIAM group addresses three main lines of research, all of them related to soil contamination, particularly heavy metals. The technology that is use is based on the combination of analytical, physical-chemical and microbiological techniques in a protocol that includes: i) Determination of indexes of heavy metal availability ii) Performance of bioassays iii) Determination of contamination and recovery through bioindicators.