



## Dr. Ana Judith Marmolejo Rodríguez

**Nivel máximo de estudios:** Doctorado

**Categoría Laboral:** Prof. Titular "B"

**Categoría Académica:** Prof. De Asignatura

**Nivel SNI:** 1

**Área de Adscripción:** Biogeoquímica Ambiental

**Área de Investigación:** Contaminación Marina

### Producción científica y académica reciente:

- Marmolejo Rodríguez Ana Judith, Sánchez Martínez Martha A., Magallanes Ordóñez Víctor René, Sánchez González Alberto, Becerra-Rueda Oscar F.. 2013. Patterns of rare earth elements in sediments as tracers in a fluvial system influenced by a gold mine, El Triunfo, BCS, Mexico. *Procedia Earth and Planetary Science*. 7: 558-561.
- Marmolejo Rodríguez Ana Judith, Sánchez-Martínez Martha A., Magallanes Ordóñez Víctor René, Sánchez González Alberto, Becerra-Rueda O.F.. 2013. Antimony in the Contaminated Site of El Triunfo, Baja California Sur, Mexico. *E3S Web of Conferences. Proceedings of the 16th International Conference on Heavy Metals in the Environment*. 1: 1-3.
- Sánchez-Martínez Martha Alicia, Marmolejo Rodríguez Ana Judith, Millán Gómez Rocío, Sánchez González Alberto, Magallanes Ordóñez Víctor René, Romero Guadarrama Juan Armando, Murillo Jiménez Janette Magalli. 2013. Sediment accumulation of Ag, Cu, and Ni through a semi-arid basin as a by-product of the El Triunfo gold mine, Baja California Sur, Mexico. *Journal of Iberian Geology*. 39(1): 97-110.
- Marmolejo Rodríguez Ana Judith, Sánchez Martínez Martha A, Romero Guadarrama Juan Armando, Sánchez González Alberto, Magallanes Ordóñez Víctor René. 2011. Migration of As, Hg, Pb, and Zn in arroyo sediments from a semiarid coastal system influenced by the abandoned gold mining district at El Triunfo, Baja California Sur, Mexico. *Journal of Environmental Monitoring*. 13: 2182-2189.
- Romero-Guadarrama Juan A., Marmolejo Rodríguez Ana Judith, Sánchez-Martínez Martha A., Sánchez González Alberto, Magallanes Ordóñez Víctor René. 2010. Mercury in sediments from a drainage catchment basin of the Au mining district of El Triunfo, B.C.S., Mexico. . Taylor and Francis Group. 551-554.
- Marmolejo Rodríguez Ana Judith, Romero-Guadarrama J.A., Sánchez-Martínez M.A., Sánchez González Alberto, Magallanes Ordóñez Víctor René. 2010. Arsenic, lead and zinc in sediments from a semi-arid coastal system, influenced by a gold ore mine. . Chemical Faculty, Gdansk University of Technology. 522-525.

- Caetano Miguel, Prego Ricardo, Vale Carlos, de Pablo Hilda, Marmolejo Rodríguez Ana Judith. 2009. Record of diagenesis of rare earth elements and other metals in a transitional sedimentary environment. *Marine Chemistry*. 116(1-4): 36-46.
- Prego Ricardo, Caetano Miguel, Vale Carlos, Marmolejo Rodríguez Ana Judith. 2009. Rare earth elements in sediments of the Vigo Ria, NW Iberian Peninsula. *Continental Shelf Research*. 29(2): 896-902.
- Marmolejo Rodríguez Ana Judith, Caetano Miguel, Prego Ricardo, Vale Carlos. 2008. Thorium accumulation in the sedimentary environment of the Vigo Ria (NW Iberian Peninsula). *Journal of Environmental Radioactivity*. 99(10): 1631-1635.
- Marmolejo Rodríguez Ana Judith, Caetano M., de Pablo H., Vale C., Prego R.. 2008. Yttrium in the Vigo Ria (NW Iberian Peninsula): Sources, distribution, and background levels. *Ciencias Marinas*. 34(3): 399-406.
- Marmolejo Rodríguez Ana Judith, Prego R., Meyer Wuller A., Shumilin Evgueni, Cobelo Garcia A.. 2007. Total and labile metals in surface sediments of the tropical reiver-estuary system of Marabasco (Pacific coast of Mexico): Influence of an iron mine. *Marine Pollution Bulletin*. 55: 459-468.
- Marmolejo Rodríguez Ana Judith, Prego R., Meyer Willer A., Shumilin Evgueni, Sapozhnikov Dmitry. 2007. Rare earth elements in iron oxy-hyroside rich sedimenents from the Marabasco River-Estuary System (pacific coast of Mexico). REE affinity with iron and aluminium. *Journal of Geochemical Exploration*. 94(1-3): 43-51.
- Marmolejo Rodríguez Ana Judith, Cobelo Garcia A., Prego R.. 2007. Background values, distribution and contamination of metals in the sediments of the Pontevedra Ria (NW Spain). *Soil & Sediment Contamination*. 16(6): 557-568.
- Prego R., Cobelo Garcia A., Marmolejo Rodríguez Ana Judith, Santos Echeandia J.. 2006. Elementos traza en el combustible vertido por el Prestige:. Niveles e impacto sobre la Ría de Laxe (Noroeste de España).. *Ciencias Marinas*. 32(1B): 179-186.
- Shumilin E., Meyer Willer A., Marmolejo Rodríguez Ana Judith, Morton Bermea O., Galicia Pérez M.A., Hernández E., González Hernández G.. 2005. Iron, cadmium, chromium, copper, cobalt, lead and zinc distribution in the suspended particulate matter of the Tropical Marabasco River and its Estuary, Colima, Mexico. *Bulletin of Environmental Contamination and Toxicology*. 74: 518-525.

#### Investigación:

- Contenido y distribución de algunos metales en la zona costera adyacente al distrito minero El Triunfo, B.C.S., México. Fase III. Registro SIP: 20110874
- Contenido y distribución de algunos metales en la zona costera adyacente al distrito minero El Triunfo, B.C.S. México. FASE II

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