

# Upper Rhine Cluster for Sustainability Research

## Researchers Profil

Name, Position & Affiliation

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*Gaetana (Tania) Quaranta*

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*Assistant Professor*

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*LHYGES Laboratoire d'Hydrologie et de Géochimie de  
Strasbourg – University of Strasbourg*

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Expertise in relation to the topics of the URCforSR (include max. 3 related and recent publications)

*Expertise in Life Cycle Assessment (Environmental impact assessment), in Risk Assessment and Ecological risk assessment of chemicals and nanoparticles (Nano TiO<sub>2</sub>)*

**Adam V., LOYAUX-LAWNICZAK S., LABILLE J., GALINDO C., Del NERO M., WEBER T, QUARANTA G. (2016) Aggregation behavior of TiO<sub>2</sub> ENMs in natural river, *Journal of Nanopart. Research*, DOI: 10.1007/s11051-015-3319-4**

**QUARANTA G., Adam V. (2015)  
Nano TiO<sub>2</sub> Life Cycle Assessment Perspective. *Encyclopedia of Nanotechnology [128803], Springer, 14p, 2014***

**Adam V., LOYAUX-LAWNICZAK S., QUARANTA G. (2015)  
*Characterization of engineered TiO<sub>2</sub> nanomaterials in a life cycle and risk***

Special Interests in the topics of the URCforSR

*Transformation processes and technology: interests in fate and effect factors of pollutants emitted from industrial processes or manufactures or anthropogenic activities in the aim to assess environmental impacts and ecological risks.  
Methodological approach: Life Cycle Assessment – Risk Assessment*

## Upper Rhine Cluster for Sustainability Research

What you are searching for regarding the cooperation within the URCforSR

New partnerships involving economists, ecotoxicologists, sociologists.  
The ability to respond more easily to European research calls.  
The opportunity to suggest new research directions.