

## **Brief CV**

### **Prof. Silvia Álvarez-Torrellas.- Universidad Complutense de Madrid**

Dr. Silvia Álvarez-Torrellas is Assistant Professor in Chemical Engineering at the Complutense University (Madrid) since February of 2017. She obtained her Bachelor's Degree in Chemical Engineering on 2007 (Rey Juan Carlos University) and her PhD on 2014 at Complutense University. She has worked in the environmental field during the last 8 years. Early contributions were related with adsorption in fixed-bed mode operation of water and wastewater containing emerging contaminants. Indeed, her research is focused on wastewater treatment of, mainly, pharmaceutical effluents by adsorption, advanced oxidation processes and combined processes of catalytic wet air oxidation and aerobic biological wastewater technology. Thus, she has long experience on solids characterization technologies and synthesis on several carbonaceous materials for environmental applications (adsorbents, catalysts, etc.) Furthermore, Prof. Silvia Álvarez has experience of working within an international, intra- and extra- European setting. She has carried out 5 pre- and postdoctoral research stays at Concepción University (Chile), Extremadura University (Spain), Universidade de Trás-os-Montes e Alto Douro (Vila Real, Portugal) and Polytechnic Institut of Bragança (Portugal). She has published 33 papers in peer-reviewed journals (most of them in journals in the top 25%, h-index = 12), she is co-author of 5 books and 6 scientific book chapters. She has also contributed with 49 communications at national and international scientific congresses and she has participated in 10 research projects.