

## Special Issue

# Recent Advances in Printed and Flexible Electronics in the Field of Environmental Sensors Technology and System

### Message from the Guest Editors

This Special Issue is suited for both academic and industrial contributions centered in flexible and printed electronics applied to environmental technology.

Potential topics include but are not limited to:

- Synthesis and characterization of 0D to 3D printable materials for sensing and actuating applications;
- Integration of nanomaterials in sensors: novel structures, stacking of layers, flexible layers, etc.;
- Functionalization of nanomaterials for measuring target magnitudes;
- Chemi-resistive and chemi-capacitive environmental sensors;
- Fabrication technologies for printed sensors;
- Fabrication technologies for flexible electronic devices;
- Characterization of novel materials for environmental monitoring;
- Demonstrations of potential applications and prototypes of instruments based on printed and flexible electronics environmental sensors;
- Theoretical studies and modelling of environmental sensor technology and systems.

It is our pleasure to invite you to submit a manuscript to this Special Issue, which provides an excellent opportunity to publish your latest advances in this research field. We look forward to your contributions and fruitful discussions.

### Guest Editors

Dr. Almudena Rivadeneyra

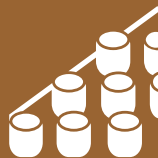
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### Deadline for manuscript submissions

closed (20 March 2023)



## Materials

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## About the Journal

### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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### Editor-in-Chief

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