

## Science, technology and innovation policies looking backwards, forwards and beyond: Developmental challenges and opportunities for Ibero-America in the era of COVID-19

Isabel Álvarez<sup>1</sup>

José Miguel Natera<sup>2</sup>

Diana Suárez<sup>3</sup>

### Resumen

This article explores challenges and opportunities for science, technology and innovation (STI) policy in Ibero-America related to the COVID-19 pandemic, considering a multidirectional approach that combines: (i) transversality, for national innovation systems (NIS) integration with other subsystems; and (ii) coordination of STI across national and international spaces. We claim that a new approach to STI policy is required. Departing from the situation of the region, the sanitary and economic crisis, and the evolution of NIS and policy rationale, we

---

<sup>1</sup> Universidad Computense de Madrid (España)

<sup>2</sup> CONACYT / Universidad Autónoma Metropolitana – Unidad Xochimilco. Responsable de la presentación [josemiguelnatera@gmail.com](mailto:josemiguelnatera@gmail.com)

<sup>3</sup> Universidad General Sarmiento (Argentina)

propose some guidelines for a new STI policy agenda based on the region's challenges ahead and the need for mechanisms of coordination.

*Keywords: Science, technology and Innovation -STI policy, National innovation systems, Ibero-America, Development, COVID-19.*