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## *Data Protection in the Age of AI: Going Beyond the GDPR*

### ABSTRACT

The use of AI in the context of modern data processing techniques and data-intensive technological trends have led to the adoption of a broader viewpoint in bringing into focus the issues concerning data processing. This has forced groups of experts, scholars, international bodies and big companies to go beyond the traditional sphere of data protection and consider collective social and ethical issues.

Against this background, the General Data Protection Regulation [GDPR] introduces provisions that are primarily focused on data security and data quality, without directly and broadly addressing the different social and ethical issues of data use or providing mechanisms to measure the various adverse effects on individuals and society. Nevertheless, the Guidelines on Big Data adopted by the Council of Europe (CoE), as well as the recent draft of the CoE Guidelines on AI, and the initiative of the EDPS on data ethics represent an important step forward in the direction of a new model of assessment which goes beyond the GDPR and considers the impact of data use on human rights and fundamental freedoms, as well as on collective social and ethical values.

### BIOGRAPHY

Alessandro Mantelero is Associate Professor of Private Law at the Polytechnic University of Turin. He is Council of Europe Rapporteur on Artificial Intelligence and data protection. In 2016, he was appointed expert consultant by the Council of Europe to draft the Guidelines on personal data in a world of Big Data (2017). He is also member of the IPEN - Internet Privacy Engineering Network (European Data Protection Supervisor) and has served as an expert on data regulation for the UN-ILO, the EU Agency for Fundamental Rights, the UN-OHCHR, the European Commission, the American Chamber of Commerce in Italy, the Italian Ministry of Justice and the Italian Communications Authority (AGCOM). He has held visiting appointments in several universities (Harvard, Oxford, Nanjing - NUIST, Universitat Oberta de Catalunya) and he is member of the editorial boards of Computer Law & Security Review.

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