1.	Record Nr.	UNINA9910483556203321
	Autore	Crinson Iain
	Titolo	The Biomedical Sciences in Society : An Interdisciplinary Analysis / / by Iain Crinson
	Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Palgrave Macmillan, , 2021
	ISBN	9789811595233 9811595232
	Edizione	[1st ed. 2021.]
	Descrizione fisica	1 online resource (ix, 203 pages) : illustrations
	Disciplina	301.24
	Soggetti	Science - Social aspects Social medicine Medicine - Research Biology - Research Science and Technology Studies Medical Sociology Biomedical Research
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Chapter 1: An Introduction to Interdisciplinarity and the Social Studies of Science and Technology -- Chapter 2: An introduction to the Philosophy of Science -- Chapter 3: Laboratory Studies, Epistemic Cultures, and the Routines of Scientific Work -- Chapter 4: The 'Gaze' of the Neurosciences -- Chapter 5: The Neuro Enculturation of the Social World -- Chapter 6: Genomics in an era of Personalised Medicine -- Chapter 7: Social Implications of the Epigenetics 'Revolution' -- Chapter 8: Governance 1 - Trust, Policy, and the Public Understanding of Science -- Chapter 9: Governance 2 - Regulation, Consent, Biobanks and Big Data -- Chapter 10: Gendering Biomedical Science -- Chapter 11: Conclusion.
	Sommario/riassunto	This textbook provides a comprehensive introduction to the interdisciplinary field of the Social Studies of Science and Technology (SSST). Over the past two decades, the biomedical sciences have transformed our understanding of the relationship between the social

and natural worlds, while its 'promissory visions' are seen to offer extraordinary opportunities for economic and social development. But alongside these scientific innovations have emerged new, and frequently unanticipated social, political, bioethical, and legal dilemmas and challenges. This cutting-edge text explores 'post-genomic' developments in the field of pharmacogenomics and the prospects for a new 'precision' or personalised medicine; the potential of environmental epigenetics to reconfigure the boundaries of the social and natural worlds; the emergence of an array of 'neuro-disciplines', seeking to identify the neural basis of a whole range of social and economic behaviours; and the challenges of constructing a coherent and robust governance framework for the conduct of biomedical science research and innovation, responsive to the social and health needs of the whole population.

2.	Record Nr.	UNINA9910828871303321
	Autore	Lesca Humbert
	Titolo	Weak signals for strategic intelligence : anticipation tool for managers / / Humbert Lesca, Nicolas Lesca
	Pubbl/distr/stampa	London, : ISTE Hoboken, N.J., : Wiley, c2011
	ISBN	9781118602775 1118602773 9781299187795 129918779X 9781118602874 1118602870 9781118602812 1118602811
	Edizione	[1st edition]
	Descrizione fisica	1 online resource (246 p.)
	Collana	ISTE
	Altri autori (Persone)	LescaNicolas LescaHumbert
	Disciplina	658.4/72
	Soggetti	Strategic planning Management
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa

Livello bibliografico	Monografia
Note generali	Adaption and rev. of: Les signaux faibles et la veille anticipative pour les decideurs. 2011.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Weak Signals for Strategic Intelligence; Title Page; Copyright Page; Table of Contents; Introduction; Chapter 1. Concepts, Issues and Hypotheses; 1.1. Introduction: governance and radar; 1.1.1. Steering the ship; 1.1.2. Corporate governance and strategic decision-making; 1.1.3. The ship's radar (radio detection and ranging); 1.1.4. The organization's "radar", a tool for its governability; 1.2. The organization's environment and its governance through a "storm"; 1.2.1. The ship, the ocean, and any danger to be faced 1.2.2. The enterprise, its environment, uncertainty, hazards, and opportunities1.2.3. Scrutinizing and interpreting the environment; 1.3. Anticipation (act of looking forward); 1.3.1. Anticipating: definition and examples; 1.3.2. Do not confuse anticipation with forecasting; 1.3.3. Anticipation and scenario-based prospective: possible complementarity; 1.3.4. Anticipating odd events, discontinuities, anomalies, etc; 1.4. Anticipative information: two types; 1.4.1. Definition; 1.4.2. Difference between strategic information and day-to-day management information 1.4.3. Two types of anticipative information1.5. Weak signals; 1.5.1. Definition of a weak signal; 1.5.2. An example of weak signal as the trigger to a warning; 1.5.3. Should we prefer a "strong" but backward-looking signal, or a "weak" but forward-looking signal?; 1.5.4. Conversion, transformation of a weak signal into an early warning signal; 1.5.5. Should we refer to a "signal" or a "sign"? Intentionality of the sender; 1.5.6. Weak signals... or decoys, deceptions, and information asymmetry; 1.5.7. Characteristics of a weak signal: "stealthy information" 1.5.8. Sources emitting weak signals: examples1.6. Detecting weak signals; 1.6.1. Individual intelligence (in the Latin sense of the word): a definition; 1.6.2. Cognitive style of a person; 1.6.3. Individual cognitive biases; 1.6.4. Fear; 1.7. Interpreting, amplifying and exploiting weak signals to support strategic decision making; 1.7.1. Need for collective intelligence (CI) for interpreting weak signals; 1.7.2. CM: justification and definition of the process; 1.7.3. Definition of CI as the emergence of CCM; 1.7.4. From CCM to knowledge management 1.8. Puzzle® method for the operationalization of CCM1.8.1. Issue: why the puzzle metaphor?; 1.8.2. Definition of the Puzzle® method; 1.8.3. Fundamental hypotheses of the Puzzle® method; 1.8.4. Work group and CI; 1.9. Global VASIC process for detecting, recognizing and utilizing weak signals; 1.9.1. Targeting of anticipative scanning and information sources; 1.9.2. Tracking and individual selection of weak signals; 1.9.3. Escalating information, collective/centralized selection and storage; 1.9.4. Dissemination and preparation of information for CCM sessions; 1.9.5. Animation 1.9.6. Measurements: performance indicators of the VASIC process
Sommario/riassunto	The expression ""We did not see it coming!"" has often been heard in recent years from decision makers at the highest levels of the private and public sectors. Yet there were actually early warning signals, but they were often ignored due to a lack of appropriate methodology. Focusing on the concept of a weak signal, this book provides methods for anticipating problems and dealing with blind spots. Along with examples of this concept, the authors provide answers to questions of feasibility, including how to recognize a weak signal, and how to exploit it. Numerous applications are also presente