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Nota di contenuto	Cover; Collecting, Managing, and Assessing Data Using Sample Surveys; Title; Copyright; Dedication; Contents; Figures; Tables; Acknowledgements; 1: Introduction; 1.1 The purpose of this book; 1.2 Scope of the book; 1.3 Survey statistics; 2: Basic statistics and probability; 2.1 Some definitions in statistics; 2.1.1 Censuses and surveys; 2.2 Describing data; 2.2.1 Types of scales; Nominal scales; Ordinal scales; Interval scales; Ratio scale; Measurement scales; 2.2.2 Data presentation: graphics; 2.2.3 Data presentation: non-graphical; Measures of magnitude; Frequencies and proportions Central measures of data Examples; Measures of dispersion; The normal distribution; Some useful properties of variances and standard

deviations; Examples; 3: Basic issues in surveys; 3.1 Need for survey methods; 3.1.1 A definition of sampling methodology; 3.2 Surveys and censuses; 3.2.1 Costs; 3.2.2 Time; 3.3 Representativeness; 3.3.1 Randomness; 3.3.2 Probability sampling; 3.4 Errors and bias; 3.4.1 Sample design and sampling error; 3.4.2 Bias; 3.4.3 Avoiding bias; 3.5 Some important definitions; 4: Ethics of surveys of human populations; 4.1 Why ethics?; 4.2 Codes of ethics or practice
4.3 Potential threats to confidentiality 4.3.1 Retaining detail and confidentiality; 4.4 Informed consent; 4.5 Conclusions; 5: Designing a survey; 5.1 Components of survey design; 5.2 Defining the survey purpose; 5.2.1 Components of survey purpose; Data needs; Comparability or innovation; Defining data needs; Data needs in human subject surveys; Survey timing; Geographic bounds for the survey; 5.3 Trade-offs in survey design; 6: Methods for conducting surveys of human populations; 6.1 Overview; 6.2 Face-to-face interviews; 6.3 Postal surveys; 6.4 Telephone surveys; 6.5 Internet surveys
6.6 Compound survey methods 6.6.1 Pre-recruitment contact; 6.6.2 Recruitment; Random digit dialling; 6.6.3 Survey delivery; 6.6.4 Data collection; 6.6.5 An example; 6.7 Mixed-mode surveys; 6.7.1 Increasing response and reducing bias; 6.8 Observational surveys; 7: Focus groups; 7.1 Introduction; 7.2 Definition of a focus group; 7.2.1 The size and number of focus groups; 7.2.2 How a focus group functions; 7.2.3 Analysing the focus group discussions; 7.2.4 Some disadvantages of focus groups; 7.3 Using focus groups to design a survey; 7.4 Using focus groups to evaluate a survey; 7.5 Summary
8: Design of survey instruments 8.1 Scope of this chapter; 8.2 Question type; 8.2.1 Classification and behaviour questions; Mitigating threatening questions; 8.2.2 Memory or recall error; 8.3 Question format; 8.3.1 Open questions; 8.3.2 Field-coded questions; 8.3.3 Closed questions; 8.4 Physical layout of the survey instrument; 8.4.1 Introduction; 8.4.2 Question ordering; Opening questions; Body of the survey; The end of the questionnaire; 8.4.3 Some general issues on question layout; Overall format; Appearance of the survey; Front cover; Spatial layout; Choice of typeface
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Sommario/riassunto

Collecting, Managing, and Assessing Data Using Sample Surveys provides a thorough, step-by-step guide to the design and implementation of surveys. Beginning with a primer on basic statistics, the first half of the book takes readers on a comprehensive tour through the basics of survey design. Topics covered include the ethics of surveys, the design of survey procedures, the design of the survey instrument, how to write questions and how to draw representative samples. Having shown readers how to design surveys, the second half of the book discusses a number of issues surrounding their implementation, including repetitive surveys, the economics of surveys, web-based surveys, coding and data entry, data expansion and weighting, the issue of non-response, and the documenting and archiving of survey data. The book is an excellent introduction to the use of surveys for graduate students as well as a useful reference work for scholars and professionals.

2. Record Nr. UNINA9910890189803321

Autore	Crowther Ami
Titolo	Strengthening European Energy Policy : Governance Recommendations From Innovative Interdisciplinary Collaborations / / edited by Ami Crowther, Chris Foulds, Rosie Robison, Ganna Gladkykh
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Nota di contenuto	Chapter 1: Introduction -- Chapter 2: Building pathways to an inclusive skilled labour force to decarbonise existing UK homes: Shared insights from across Britain and leading EU Member States -- Chapter 3: Resilient Infrastructure for Smart Cities: a Participatory Stakeholder Approach to Multi-Criteria Policy Design -- Chapter 4: EU – Africa cooperation for energy access: the case of geothermal energy communities -- Chapter 5: Safeguarding EU Energy Systems: An Interdisciplinary Framework for Resilience in the Digital Era -- Chapter 6: Rethinking energy system models: inclusive pathways to climate neutrality -- Chapter 7: Clean energy for all at risk: the need for community participation in the fast-tracked energy transition --

Chapter 8: From Silicon to Perovskite: A Comprehensive Transdisciplinary Approach to Unveil Economic, Environmental and Societal Barriers and Potential of Established and Emerging PV technologies -- Chapter 9: Public and social acceptability of contentious low-carbon energy technologies in the last decade: nuclear fusion, agrivoltaics and offshore wind turbines -- Chapter 10: A chapter on challenging energy literacy -- Chapter 11: Unknown, uncertainties and risks: social and geoscience implications for public engagement in geothermal energy developments in Europe -- Chapter 12: Conclusion.

Sommario/riassunto

“Instead of broad and general policy advice, we get specific and concrete recommendations grounded in a profound understanding of the problems they aim to address.” – Harald Rohracher, Professor of Technology & Social Change, Linköping University, Sweden “A must-read for policymakers, researchers, and anyone invested in the European Green Deal's success.” – Wen Liu, Assistant Professor in the Copernicus Institute of Sustainable Development, Utrecht University, The Netherlands “This book highlights the crucial role of research and knowledge in policymaking processes and underscores the often underestimated potential of creating connections between SSH and STEM.” – Marta Arosio, Community Manager, Energy Cities, Belgium This open access book foregrounds novel collaborations between the Social Sciences and Humanities (SSH), and Science, Technology, Engineering and Mathematics (STEM) disciplines, for the benefit of European energy policy. Each chapter has been led by a team spanning social and technical disciplines. The book proposes 10 policy recommendations to: Simplify the uptake of community energy; Prioritise societal engagement in geothermal; Create co-learning for energy communities; Facilitate energy literacy; Support place-based strategies for retrofit; Promote integrated policy design for agrivoltaics; Increase social acceptability of low-carbon technologies; Protect digital energy infrastructure; Understand stakeholder perceptions of energy-efficiency measures; and Rethink energy system models to support the just transition. It will be of interest to anyone developing, implementing or critiquing energy policy (locally, nationally or internationally) as well as those looking to expand the use of interdisciplinary research to achieve sustainability goals. Part of a three-volume collection covering climate, energy, and mobility policy. Ami Crowther is a Postdoctoral Research Fellow at Anglia Ruskin University’s Global Sustainability Institute, and lead editor of this book. Chris Foulds is Professor of Sustainability & Society, at Anglia Ruskin University’s Global Sustainability Institute, and co-leads the SSH CENTRE. Rosie Robison is Professor of Social Sustainability, at Anglia Ruskin University’s Global Sustainability Institute, and co-leads the SSH CENTRE. Ganna Gladkykh is a Policy Fellow at the Stockholm Environment Institute. She edited this book whilst a Clean Energy Transition Expert at the European Energy Research Alliance. .