The SAGE Handbook of Social Media Research Methods

Edited by Luke Sloan and Anabel Quan-Haase
## Contents

**List of Figures**  ix  
**List of Tables**  xv  
**Notes on the Editors and Contributors**  xvii  
**Acknowledgements**  xxviii  

1. Introduction to the Handbook of Social Media Research Methods: Goals, Challenges and Innovations  
   *Anabel Quan-Haase and Luke Sloan*  

### PART I  CONCEPTUALISING & DESIGNING SOCIAL MEDIA RESEARCH  

2. What is Social Media and What Questions Can Social Media Research Help Us Answer?  
   *Lori McCay-Peet and Anabel Quan-Haase*  

3. Big Data – Hype or Revolution?  
   *Rob Kitchin*  

4. Building Interdisciplinary Social Media Research Teams: Motivations, Challenges, and Policy Frameworks  
   *Anabel Quan-Haase and Lori McCay-Peet*  

5. Social Media Users’ Views on the Ethics of Social Media Research  
   *Kelsey Beninger*  

6. The Role of Online Reputation Management, Trolling, and Personality Traits in the Crafting of the Virtual Self on Social Media  
   *Shuzhe Yang, Anabel Quan-Haase, Andrew D. Nevin and Yimin Chen*  

7. Social Science ‘Lite’? Deriving Demographic Proxies from Twitter  
   *Luke Sloan*  

### PART II  COLLECTION & STORAGE  

8. Think Before You Collect: Setting Up a Data Collection Approach for Social Media Studies  
   *Philipp Mayr and Katrin Weller*  

9. Overview – The Social Media Data Processing Pipeline  
   *David M. Brown, Adriana Soto-Corominas, Juan Luis Suárez and Javier de la Rosa*  

90
10 The Role of APIs in Data Sampling from Social Media  
*Dietmar Janetzko*  

11 Data Storage, Curation and Preservation  
*Alex Voss, Ilia Lvov and Sara Day Thomson*  

12 Using Social Media in Data Collection: Designing Studies with the Qualitative E-Research Framework  
*Janet Salmons*  

**PART III QUALITATIVE APPROACHES TO SOCIAL MEDIA DATA**  

13 Small Data, Thick Data: Thickening Strategies for Trace-based Social Media Research  
*Guillaume Latzko-Toth, Claudine Bonneau and Mélanie Millette*  

14 Visuality in Social Media: Researching Images, Circulations and Practices  
*Martin Hand*  

15 Coding of Non-Text Data  
*Diane Rasmussen Pennington*  

16 Twitter as Method: Using Twitter as a Tool to Conduct Research  
*Bonnie Stewart*  

17 Small Stories Research: A Narrative Paradigm for the Analysis of Social Media  
*Alexandra Georgakopoulou*  

**PART IV QUANTITATIVE APPROACHES TO SOCIAL MEDIA DATA**  

18 Geospatial Analysis  
*Olga Buchel and Diane Rasmussen Pennington*  

19 Pragmatics of Network Centrality  
*Shadi Ghajar-Khosravi and Mark Chignell*  

20 Predictive Analytics with Social Media Data  
*Niels Buus Lassen, Lisbeth la Cour and Ravi Vatrapu*  

21 Deception Detection and Rumor Debunking for Social Media  
*Victoria L. Rubin*  

**PART V DIVERSE APPROACHES TO SOCIAL MEDIA DATA**  

22 From Site-specificity to Hyper-locality: Performances of Place in Social Media  
*Nadav Hochman*
## CONTENTS

### Part VI Research and Analytical Tools

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Contributors</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>Analyzing Social Media Data and Other Data Sources: A Methodological Overview</td>
<td>Frauke Zeller</td>
</tr>
<tr>
<td>24</td>
<td>Listening to Social Rhythms: Exploring Logged Interactional Data Through Sonification</td>
<td>Jack Jamieson and Jeffrey Boase</td>
</tr>
<tr>
<td>25</td>
<td>Innovative Social Location-aware Services for Mobile Phones</td>
<td>Bernhard Klein and Ulf-Dietrich Reips</td>
</tr>
</tbody>
</table>

### Part VII Social Media Platforms

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Contributors</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>The Ontology of Tweets: Mixed-Method Approaches to the Study of Twitter</td>
<td>Dhiraj Murthy</td>
</tr>
<tr>
<td>34</td>
<td>Instagram</td>
<td>Linnea Laestadius</td>
</tr>
<tr>
<td>35</td>
<td>Weibo</td>
<td>Xiao Hu, Chen Qiao and King-wa Fu</td>
</tr>
<tr>
<td>Chapter</td>
<td>Title</td>
<td>Authors</td>
</tr>
<tr>
<td>---------</td>
<td>----------------------------------------------------------------------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>36</td>
<td>Foursquare</td>
<td><em>Matthew J. Williams and Martin Chorley</em></td>
</tr>
<tr>
<td>37</td>
<td>Facebook as a Research Tool in the Social and Computer Sciences</td>
<td><em>Jessica Vitak</em></td>
</tr>
<tr>
<td>38</td>
<td>Big Data and Political Science: The Case of VKontakte and the 2014 Euromaidan Revolution in Ukraine</td>
<td><em>Anatoliy Gruzd and Ben O'Bright</em></td>
</tr>
<tr>
<td>39</td>
<td>A Retrospective on State of the Art Social Media Research Methods: Ethical Decisions, Big-small Data Rivalries and the Spectre of the 6Vs</td>
<td><em>Luke Sloan and Anabel Quan-Haase</em></td>
</tr>
</tbody>
</table>

**Index** 673