
Contents

Foreword	xi
Franc MORANDI	
Introduction	xvii
Camille CAPELLE	
Part 1. Risk Perceptions, Education and Learning	1
Chapter 1. Digital Risks: An Obstacle or a Lever for Education?	3
Camille CAPELLE	
1.1. Introduction.	3
1.2. Digital risks and education: what are we talking about?	4
1.2.1. Digital risks	4
1.2.2. What are the risks in education?	8
1.3. Questioning perceptions of digital risks among new teachers	9
1.3.1. Why was this target audience chosen?	9
1.3.2. Methodology and data collection.	10
1.4. Teachers' perceptions of digital risks	11
1.4.1. When perceptions of risk inhibit any practice	11
1.4.2. When perceptions of risk freeze practices	14
1.4.3. When risk perceptions lead us to consider them in order to overcome them	18
1.5. Reflection on the role of digital risk representations in education.	21
1.6. Conclusion	24
1.7. References	25

Chapter 2. Teenagers Faced with “Fake News”: Perceptions and the Evaluation of an Epistemic Risk	27
Gilles SAHUT and Sylvie FRANCISCO	
2.1. Introduction.	27
2.2. Fake news: From production to reception	28
2.2.1. Characterizing the fake news phenomenon.	29
2.2.2. The potential risks associated with fake news	31
2.2.3. The credibility of fake news	32
2.3. Methodological framework of the study	34
2.4. Results of the study	36
2.4.1. A heterogeneous understanding of the concept	37
2.4.2. A blurred perception of the goals of fake news	39
2.4.3. The diversity of fake news sources	40
2.4.4. Identifying fake news: heuristic processing and analytical strategies	42
2.4.5. A remote and controlled phenomenon?	45
2.5. Discussion of the results and reflections on media and information literacy.	46
2.6. Conclusion	49
2.7. References	50
Chapter 3. “A Big Nebula that is a Bit Scary” (Louise, Trainee Schoolteacher): Training through/in Digital Technology, in School and in Professional Training	55
Anne CORDIER	
3.1. Social beings, above all else	57
3.1.1. A “fluid identity” to be grasped	57
3.1.2. Digital technology in the actors’ personal ecosystem.	61
3.2. Understanding of digital technology in the classroom.	62
3.2.1. Crystallization and awareness of issues.	62
3.2.2. When the socio-technical framework hinders the entry of digital technology into the classroom	64
3.2.3. Rather modest and low-risk experiments	66
3.3. Teaching with and through digital technology: Constant risks.	68
3.3.1. Tensions in the classroom.	68
3.3.2. Tensions in training	71
3.3.3. Desires on both sides.	73
3.4. Potential courses of action	76
3.5. References	78

Part 2. Risks in the Light of Socio-Economic Issues	81
Chapter 4. Top Managers Confronted with Information Risks: An Exploratory Study within the Telecommunications Sector	83
Dijana LEKIC, Anna LEZON-RIVIÈRE and Madjid IHADJADENE	
4.1. Introduction.	83
4.2. Information risk: The conceptual field	84
4.3. Controlling information risks: Security policy	89
4.4. Information risk and management	91
4.5. Study methodology and the stakeholder group	93
4.6. Information risk: The perspective of top telecoms managers.	94
4.6.1. Top managers as responsible for information risk management	94
4.6.2. Information risk management.	97
4.6.3. Operational challenges related to the information risk management approach	100
4.7. Conclusion	104
4.8 Acknowledgments	106
4.9. References	106
Chapter 5. Cell Phones and Scamming Risks in Cameroon: Users' Experiences and Socio-Institutional Responses	111
Freddy TSOPFACK FOFACK and Abdel Bernazi RENGOU	
5.1. Introduction.	111
5.2. Mechanisms behind cell phone scamming in Cameroon: Exhibiting credulity.	115
5.2.1. Setting the scene	116
5.2.2. Enticing but misleading proposals	117
5.2.3. Disguised telephone number confusion	119
5.3. The dynamics of cell phone use in Cameroon	121
5.3.1. The Ministry of Posts and Telecommunications.	121
5.3.2. Agence Nationale des Technologies de l'Information et de la Communication.	122
5.3.3. Agence de Régulation des Télécommunications	122
5.3.4. Cell phone operators	123
5.3.5. The judicial system and cell phone scams	124
5.3.6. Cell phone users and consumer associations	125
5.4. Socio-institutional governance of cell phone use in Cameroon: Optimal or approximate mediations?	126
5.4.1. Information deficit of the users.	126
5.4.2. Insufficient means of action.	127

5.4.3. Mis-selling of SIM cards by mobile operators: An “ingredient” of mobile scammers	128
5.4.4. The ease of monetary transactions	129
5.4.5. Technological constraints and border porosity	129
5.5. Conclusion	130
5.6. References	131
Part 3. Digital Risks: Practices and Mediation	135
Chapter 6. Towards a Normative Prescription of Information Practices on Digital Social Networks: A Study of Documentary Pedagogical Projects in Middle School	137
Adeline ENTRAYGUES	
6.1. Introduction.	137
6.2. Contextualization of risk	138
6.3. Issues to consider	138
6.4. Research objects	139
6.5. Research protocol	142
6.6. Risk regarding DSNs in the pedagogical approach	144
6.6.1. Raising awareness of risks: An obvious approach for teacher librarians	144
6.6.2. Considering the views of learners and teachers	145
6.6.3. Considering the risks: Learners aware of digital dangers	148
6.7. Discovering DSNs in a school context: Dealing with risks	151
6.7.1. Pedagogical projects on DSNs to prevent risks: Teachers’ perspectives	151
6.7.2. Overcoming risks: Learners’ perspectives	152
6.8. Perspectives for an information culture	153
6.8.1. Risks, standards and education	153
6.8.2. A culture of information in training	154
6.9. Conclusion	155
6.10. References.	155
Chapter 7. MIL as a Tool for Teachers to Prevent Risk and Transmit Digital Culture.	159
Julie PASCAU	
7.1. Studying digital technology in schools from the perspective of teachers’ representations.	159
7.1.1. Why be interested in representations?	161
7.1.2. The social representation of digital risks through the analysis of institutional discourses	163

7.2. What do digital and media literacy evoke in teachers?	164
7.2.1. The weak presence of digital technology and MIL in elementary school	165
7.2.2. Risks in the representations of MIL among primary school teachers	166
7.2.3. A positive perception of the role of digital technology in the classroom	169
7.3. The contours of media and information literacy according to teachers	171
7.3.1. The objects of MIL from the discourse of primary school teachers	172
7.3.2. What does digital technology mean for teachers?	173
7.4. What does the requirement to transmit digital culture mean for teachers?	178
7.4.1. Digital culture: A very vague concept.	178
7.4.2. What primary school teachers think digital literacy means	180
7.5. Conclusion	187
7.6. References	189
Conclusion	193
Camille CAPELLE	
Postface	197
Vincent LIQUÈTE	
List of Authors	201
Index	203