## Contents

### Inclusive Society and Democracy

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Teachers’ Perceptions of an Inclusive Future.</td>
<td>3</td>
</tr>
<tr>
<td><em>Ivana Batarelo Kokić, Terri L. Kurz, and Višnja Novosel</em></td>
<td></td>
</tr>
<tr>
<td>Gender Differences in ICT Use and Information Literacy in Public</td>
<td>12</td>
</tr>
<tr>
<td>Libraries: A Study in a Rio de Janeiro Public Library</td>
<td></td>
</tr>
<tr>
<td><em>Aline Gonçalves da Silva and Gilda Olinto</em></td>
<td></td>
</tr>
<tr>
<td>The Searching Circle: Library Instruction for Tribal College Students</td>
<td>21</td>
</tr>
<tr>
<td><em>Loriene Roy, Jain Orr, and Laura Gienger</em></td>
<td></td>
</tr>
<tr>
<td>Information Literacy, Participatory Projects and the Development</td>
<td>33</td>
</tr>
<tr>
<td>of Political Roles for Librarians</td>
<td></td>
</tr>
<tr>
<td><em>Raphaëlle Bats</em></td>
<td></td>
</tr>
<tr>
<td>Enhancing Financial Information Literacy in Italian Public Libraries:</td>
<td>45</td>
</tr>
<tr>
<td>A Preliminary Study</td>
<td></td>
</tr>
<tr>
<td><em>Laura Ballestra and Piero Cavaleri</em></td>
<td></td>
</tr>
<tr>
<td>Re-Framing Information Literacy for Social Justice</td>
<td>56</td>
</tr>
<tr>
<td><em>Laura Saunders</em></td>
<td></td>
</tr>
<tr>
<td>Ideological Views, Social Media Habits, and Information Literacy</td>
<td>66</td>
</tr>
<tr>
<td><em>Stjepan Lacković</em></td>
<td></td>
</tr>
</tbody>
</table>

### Employability and Workplace

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Is Information Literacy Related to Social Competences in the Workplace?</td>
<td>79</td>
</tr>
<tr>
<td><em>Anne-Sophie Collard, Thierry De Smedt, Pierre Fastrez, Valèria Ligurgo, and Thibault Philippette</em></td>
<td></td>
</tr>
<tr>
<td>Information Literacy and Graduate Employability</td>
<td>89</td>
</tr>
<tr>
<td><em>Stéphane Goldstein</em></td>
<td></td>
</tr>
<tr>
<td>Are We Speaking the Same Language? Croatian Employers’ IL Competency Requirements for Prospective Employees</td>
<td>99</td>
</tr>
<tr>
<td><em>Mihaela Banek Zorica, Sonja Špiranec, and Vjeran Bušelić</em></td>
<td></td>
</tr>
<tr>
<td>How Groups Talk Information Literacy into Being</td>
<td>109</td>
</tr>
<tr>
<td><em>Andrew Whitworth, Maria Carme Torras i Calvo, Bodil Moss, and Nazareth Amlesom Kifle</em></td>
<td></td>
</tr>
</tbody>
</table>
Knowledge Management and Information Literacy: An Exploratory Analysis. ................................................................. 119
  Sirje Virkus

Various Literacies

Citizen Science as an Educational Tool for Improving Scientific Literacy of Undergraduate Students ................................................................. 133
  Kristýna Kalmárová

Everyday Health Information Literacy of Young Finnish and Namibian Students: Is There a Difference? ................................................................. 138
  Maija-Leena Huotari, Heidi Enwald, Noora Hirvonen, Cathrine Nengomasha, Ruth Abankwah, Wilhelm Uutoni, and Raimo Niemelä

English Language as a Promoter of Media Literacy Education ................................. 147
  Tihomir Živić and Tamara Zadravec

Social Media Networking Literacy and Privacy on Facebook: Comparison of Pupils and Students Regarding the Public Availability of Their Personal Information ................................................................. 157
  Mirko Duić and Paula Džapo

Digital Literacy as a Boost Factor in Employability of Students ................................. 169
  Radovan Vrana

Accessibility of Digital Information: Standards, Frameworks, and Tools Related to Information Literacy and Information Technology ................................................................. 179
  Valentina Kirinić

Visual Literacy in Library Practice: Use of Images on the Facebook Pages of Croatian Public Libraries ................................................................. 190
  Mirko Duić

How Primary Teachers in Greece Seek Information: Use and Initial Appraisal of Information Resources ................................................................. 202
  Emmanouel Garoufalias, Stavroula Antonopoulou, Ioanna-Ersi Pervolaraki, Rania Siatri, Georgia Zafeiriou, and Sirje Virkus

Reading Preference: Print vs Electronic

The Academic Reading Format International Study (ARFIS): Investigating Students Around the World ................................................................. 215
  Diane Mizrahi, Joumana Boustany, Serap Kurbanoğlu, Güleda Doğan, Tania Todorova, and Polona Vilar
Print vs. Digital Preferences. Study Material and Reading Behavior of Students at the University of Iceland .................................................. 228
Ágústa Pálsvóttir and Sigríður Björk Einarsdóttir

Print or Electronic? Estonian Students’ Preferences in Their Academic Readings ................................................................. 238
Mai Põldraas

Print and Digital Reading Preferences and Behaviors of University Students in Qatar ................................................................. 247
Nicole Johnston, Alicia Salaz, and Lana Alsabbagh

Academic Policy Reflections of Student’s Reading Behavior Study in ULSIT ................................................................. 256
Tania Todorova, Rositza Krasova, Tereza Trencheva, and Elisaveta Tsvetkova

Theoretical Aspects

Toward a Theory of Information Literacy: Information Science Meets Instructional Systems Design .................................................. 267
Delia Neuman

Open Science and the Research Information Literacy Framework ........... 277
Jela Steinerová

The End of Information Literacy (?) .................................................. 286
Michaela Dombrovská

Relationality Is the Key: The Family of Digital Competencies’ Catalogues and Their Potential Applications .................................................. 294
Małgorzata Kiszowska, Justyna Jasiewicz, and Anna Mierzecka

Information Literacy Competencies as Part of Content Curation ........... 304
Terttu Kortelainen

Higher Education

Information Literate or Not?: A Nationwide Survey Among University Students in the Czech Republic .................................................. 317
Hana Landová, Jitka Prajsova, and Ludmila Tichá

Assessing Spanish-Speaking University Students’ Info-Competencies with iSkills, SAILS, and an In-House Instrument: Challenges and Benefits .................................................. 327
Jesus Lau, Juan D. Machin-Mastromatteo, Alberto Gárate, and A. Cecilia Tagliapietra-Ovies
Is There a Focus on Information Literacy as a Transversal Skill Within the Institutional Accreditation Process? ........................................... 337
Elitsa Lozanova-Belcheva

How Information Literate Are We as Teachers? ......................... 345
Jos van Helvoort and Ellen Sjoer

Searching as Strategic Exploration: How Well Do Faculty Know Their Students’ Opinions Regarding Information Sources? ........... 352
Katia G. Karadjova and Marissa M. Mourer

Novice and Expert Information Behavior: An Eye Tracking Study from Qatar ................................................................. 364
A.M. Salaz, Teresa MacGregor, and Priya Thomas

**Discipline Based Studies**

Views of Legal Scholars About the Concept of Information Literacy in the Field of Law: Case Study of a Law Faculty in the Republic of Croatia .... 375
Dejana Golenko

Information Literacy Programs in the Field of Law: Case Study of Two Law Faculties in Croatia ................................................................. 385
Dejana Golenko, Kornelija Petr Balog, and Ljiljana Siber

Scaffolding Information Literacy in the Nursing Curriculum ............ 394
Eric Jennings, Hans Kishel, Bryan S. Vogh, Angie Stombaugh,
Rita Sperstad, and Arin VanWormer

Assessing Content and Cognitive Levels of Information Literacy in a Group of Life Sciences University Students ................................................. 403
Danica Dolničar, Bojana Boh Podgornik, Irena Sajovic, Andrej Šorgo,
and Tomaž Bartol

How University Students in Health Care Look for Information: Use and Initial Appraisal of Information Resources ............................... 412
Emmanouel Garoufallou, Chrysanthi Chatzopoulou, Eleni Tzura,
Souzana Maranga, Rania Siatri, Georgia Zafeiriou,
and Stavroula Antonopoulou

Self-reported Information Literacy Skills Among Researchers Within a Medical and Health Science Faculty ................................. 422
Ann De Meulemeester, Nele S. Pauwels, Renaat Peleman,
and Heidi Buysse

Seeking Creativity: A Case Study on Information Problem Solving in Professional Music .............................................................. 428
Iwan Wopereis and Egbert Derix
Research Methods

Institute for Research Design in Librarianship: Impact on Information Literacy Research and Practice ..................................................... 439
   Lili Luo, Marie Kennedy, and Kristine Brancolini

Children and Youth

Use of Digital Tools by Preschool Children: Preliminary Results .......... 449
   Ioanna-Ersi Pervolaraki, Emmanouel Garoufallou, Rania Siatri,
   Georgia Zafeiriou, Sirje Virkus, and Stavroula Antonopoulou

Expanding Children’s Digital Literacy Experiences and Skills: Public Library Practices in Guangzhou, China ........................................... 460
   Qiong Tang, Cuihong Wu, and Yantao Pan

Computer Science for the Community: Increasing Equitable Opportunity for Youth Through Libraries. ......................................................... 469
   Marijke Visser and Hai Hong

Using I-LEARN to Foster the Information and Digital Literacies of Middle School Students ................................................................. 480
   Vera J. Lee, Allen Grant, Delia Neuman, and Mary Jean Tecce DeCarlo

Exploring the Lived Experience of Middle School Students Engaged in Inquiry Based Learning .............................................................. 490
   Shelly Buchanan

Teaching and Learning Information Literacy in Upper Secondary Schools in Vietnam ................................................................................. 499
   Huyen Thi Ngo, Geoffrey Lee Walton, and Alison Jane Pickard

Civic Action-Driven Information Literacy Instruction in Taiwan ............... 507
   Lin Ching Chen and Yaw-Huei Chen

Country Based Studies

Information Competencies of Historians as Archive Users: A Slovenia/UK Comparison ................................................................. 519
   Polona Vilar, Alenka Šauperl, Zdenka Semlič Rajh, Lyn Robinson,
   and David Bawden

Developing Information Literacy Skills Lesson Plans Integrated into the 6th Iranian Primary Science Curriculum Based on the Big6 Model .......... 530
   Fatima Baji, Carole Haeusler, Zahed Bigdeli, and Abdullah Parsa
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrating the Personal Information Culture Concept and the Idea of Media and Information Literacy Offered in the UNESCO Curriculum for Teachers: Experiences of Russia and Uzbekistan</td>
<td>543</td>
</tr>
<tr>
<td>Natalia Gendina</td>
<td></td>
</tr>
<tr>
<td>Information Literacy Instruction: An Overview of Research and Professional Development in Pakistan</td>
<td>555</td>
</tr>
<tr>
<td>Kanwal Ameen and Midrar Ullah</td>
<td></td>
</tr>
<tr>
<td>Public Policies for Information Literacy in Portugal: An Agenda in the Making</td>
<td>563</td>
</tr>
<tr>
<td>Tatiana Sanches</td>
<td></td>
</tr>
<tr>
<td>Action Plan for Improving the Learning Practices and Motivation of LIS Students</td>
<td>576</td>
</tr>
<tr>
<td>Tania Todorova, Elena Ignatova, and Irena Peteva</td>
<td></td>
</tr>
<tr>
<td>Academic Libraries</td>
<td></td>
</tr>
<tr>
<td>Intervening Conditions Inside and Outside Libraries in Order to Build Collaboration Between Teaching Faculty and Librarians in Education: Based on a Case Study of Earlham College</td>
<td>587</td>
</tr>
<tr>
<td>Tayo Nagasawa</td>
<td></td>
</tr>
<tr>
<td>Information Literacy as a Key to Academic Success: Results from a Longitudinal Study</td>
<td>598</td>
</tr>
<tr>
<td>Anne-Kathrin Mayer and Günter Krampen</td>
<td></td>
</tr>
<tr>
<td>Web 2.0 and Academic Libraries: A Survey Investigating Uptake Among University Students</td>
<td>608</td>
</tr>
<tr>
<td>Emmanouel Garoufallou, Souzana Maranga, Chrysanthi Chatzopoulou, Eleni Tzura, Rania Siatri, Georgia Zafeiriou, and Stavroula Antonopoulou</td>
<td></td>
</tr>
<tr>
<td>Librarians</td>
<td></td>
</tr>
<tr>
<td>Librarians as Educators: Affective Dimensions Experienced in Teaching</td>
<td>619</td>
</tr>
<tr>
<td>Vincas Grigas, Roma Fedosejevaitė, and Anna Mierzecka</td>
<td></td>
</tr>
<tr>
<td>Copyright Literacy Competencies from Portuguese LIS Professionals</td>
<td>634</td>
</tr>
<tr>
<td>Ana Lúcia Terra</td>
<td></td>
</tr>
<tr>
<td>Information Literacy Education and the Educational Needs of Teaching Librarians: The Czech Republic in Comparison with the Other Visegrad Four Countries</td>
<td>644</td>
</tr>
<tr>
<td>Pavla Kovářová</td>
<td></td>
</tr>
</tbody>
</table>
Effects of a Virtual Learning Environment on Librarians’ Information Literacy and Digital Literacy Competences. ........................................ 655
  Ana Novo, Glória Bastos, and Ana Isabel Vasconcelos

**Teaching Methods and Instruction**

Investigating the Guided Inquiry Process ........................................ 667
  Lee FitzGerald and Kasey L. Garrison

Teacher Perspectives on Whole-Task Information Literacy Instruction ...... 678
  Iwan Wopereis, Jimmy Frerejean, and Saskia Brand-Gruwel

Information Literacy Dialogue as a Wittgensteinian Language-Game:
Embedding IL into Curricula ....................................................... 688
  Michael Flierl

Motivating Learners Through Information Literacy ............................. 698
  Clarence Maybee and Michael Flierl

Mastering Information and Teaching Controversies: An Exploratory Study... 708
  Orélie Desfriches Doria and Madjid Ihadjadène

“Bibliostory—Educational Comic Stories.” A Social Constructivist Approach to Media and Information Literacy Education for Children and Adolescents ................................................. 718
  Ewa A. Rozkosz and Zuza Wiorogór ska

Assessing Awareness of Library Services: An Ethnographic Examination of Bachelor Students at Two Czech Technology Universities ............ 729
  Alena Chodounská and Stephanie Krueger

Erratum to: The Academic Reading Format International Study (ARFIS):
Investigating Students Around the World ..................................... E1
  Diane Mizrachi, Joumana Boustany, Serap Kurbanoğlu, Güleda Doğan,
  Tania Todorova, and Polona Vilar

**Author Index** ............................................................................. 741
Information Literacy: Key to an Inclusive Society
4th European Conference, ECIL 2016, Prague, Czech Republic, October 10-13, 2016, Revised Selected Papers
2016, XXI, 742 p. 87 illus., Softcover
ISBN: 978-3-319-52161-9