# **ROER4D Chapter 1: Introduction**

# **Appendix A – Researchers, research associates and network hub members**

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| **Role** | **Project** | **Name** | **Institution** | **Country** |
| Principal Investigator | Network hub team | Cheryl Hodgkinson-Williams | University of Cape Town | South Africa |
| Deputy Principal Investigator | Network hub team | Patricia Arinto | University of the Philippines Open University | Philippines |
| Consultant | Network hub team | Gajaraj Dhanarajan | Wawasan Open University | Malaysia |
| Consultant | Network hub team | Maria Ng | Wawasan Open University | Singapore |
| Project Manager | Network hub team | Tess Cartmill | University of Cape Town | South Africa |
| Communications Advisor | Network hub team | Sukaina Walji | University of Cape Town | South Africa |
| Evaluation Advisor | Network hub team | Sarah Goodier | University of Cape Town | South Africa |
| Researcher | Network hub team | Henry Trotter | University of Cape Town | South Africa |
| Data Curator / research administrator | Network hub team | Thomas King | University of Cape Town | South Africa |
| Data Curation & Disseminiation Manager | Network hub team | Michelle Willmers | University of Cape Town | South Africa |
| Project Administrator | Network hub team | Vivien Chiam | Wawasan Open University | Singapore |
| Project Administrator | Network hub team | Suan Choo Khoo | Wawasan Open University | Malaysia |
| Researcher | SP1 | Gajaraj Dhanarajan | Wawasan Open University | Malaysia |
| Researcher | SP1 | Mariana Eguren | Pontificia Universidad Católica del Perú | Peru |
| Researcher | SP1 | Jenny Louw | SAIDE | South Africa |
| Research Assistant | SP1 | Maryla Bialobrzeska | SAIDE | South Africa |
| Research Assistant | SP1 | Ephraim Mlanga | SAIDE | South Africa |
| Research Assistant | SP1 | Catherine Ngugi | SAIDE | South Africa |
| Research Assistant | SP1 | Rosemary Juma | SAIDE | South Africa |
| Lead Researcher | SP2 | Jose Dutra de Oliveira Neto | University of São Paulo | Brazil |
| Research Assistant | SP2 | Elenise Araujo | University of São Paulo | Brazil |
| Researcher | SP2 | Judith Pete | Cath. Uni. of E. Africa & Tangaza Uni. Col, Nairobi, Kenya | Kenya |
| Researcher | SP2 | Daryono | Universitas Terbuka | Indonesia |
| Local coordinator | SP2 | Adriano Thomaz | Anhanguera | Brazil |
| Local coordinator | SP2 | Ricardo Bueno | Fundação Getulio Vargas - FGV | Brazil |
| Local coordinator | SP2 | Ildeberto Rodello | University of São Paulo | Brazil |
| Local coordinator | SP2 | Diego Bevilacqua Meli | Universidade Estácio de Sá | Brazil |
| Local coordinator | SP2 | Cristóbal Feller V | Universidad de Chile | Chile |
| Local coordinator | SP2 | Carlos Leonardo Mahecha, | National University of Colombia | Colombia |
| Local coordinator | SP2 | Henry Trotter\* | University of Cape Town | South Africa |
| Local coordinator | SP2 | Kerry de Hart | UNISA | South Africa |
| Local coordinator | SP2 | Linda Van Ryneveldt | University of Pretoria | South Africa |
| Local coordinator | SP2 | Renee Coetzee | Fort Hare University | South Africa |
| Local coordinator | SP2 | Rev. Dr. Fabian Nkurunze | Catholic Institute of Business and Technology | Ghana |
| Local coordinator | SP2 | Dr. John Prosper Adotey | University of Cape Coast | Ghana |
| Local coordinator | SP2 | Hellen Seshie | The University of Ghana | Ghana |
| Local coordinator | SP2 | Paul Yaw Addai Yeboah | Kwame Nkurumah University of science and Tech. | Ghana |
| Local coordinator | SP2 | Felix Otieno Odiwuor | Great Lakes University | Kenya |
| Local coordinator | SP2 | Shellemiah Otieno Ouma | JomoKenyatta University of Agriculture & technology | Kenya |
| Local coordinator | SP2 | Ellyphalet Omoro | Maseno University | Kenya |
| Local coordinator | SP2 | Dr. Selvam G. Sahaya | Tangaza University College | Kenya |
| Local coordinator | SP2 | Dr Abhit Bora | Tezpur University | India |
| Local coordinator | SP2 | Dr. Sarita Kumar | University of Delhi | India |
| Local coordinator | SP2 | Dr. Anirban Ghosh | Netaji Subhas Open University, Kolkata | India |
| Local coordinator | SP2 | Prof. Kandarpa Das | Institute of Distance and Open Learning,Gauhati University | India |
| Local coordinator | SP2 | Andiani Abimanyu | University of Pancasila | Indonesia |
| Local coordinator | SP2 | Ina Agustina | Universitas Nasional | Indonesia |
| Local coordinator | SP2 | Muhammad Misni | Universitas Mercu Buana | Indonesia |
| Local coordinator | SP2 | Irsanti Widuri | Universitas Terbuka | Indonesia |
| Local coordinator | SP2 | Dr. Andy Liew Teik Kooi\* | Wawasan Open University | Malaysia |
| Lead Researcher | SP3 | Sanjaya Mishra | COL | Canada |
| Research Assistant | SP3 | Alka Singh | CEMCA | India |
| Lead Researcher | SP4 | Glenda Cox | University of Cape Town | South Africa |
| Researcher | SP4 | Henry Trotter\* | University of Cape Town | South Africa |
| Lead Researcher | SP5 | Guru Kasinathan | IT for Change | India |
| Researcher | SP5 | Ranjani Ranganathan | IT for Change | India |
| Lead Researcher | SP6 | Pilar Saenz | Karisma Foundation | Colombia |
| Researcher | SP6 | Ulises Hernandez | Karisma Foundation | Colombia |
| Researcher | SP6 | Marcela Hernandez | Karisma Foundation | Colombia |
| Lead Researcher | SP7 | Mohan Menon | Wawasan Open University | Malaysia |
| Researcher | SP7 | Phalachandra Bhandigadi  | Wawasan Open University | Malaysia |
| Researcher | SP7 | Jasmine Emmanuel | Wawasan Open University | Malaysia |
| Lead Researcher | SP8 | Batbold Zagdragchaa | New Policy Institute | Mongolia |
| Lead Researcher | SP9 | Werner Westermann | Instituto Profesional de Providencia (IPP) | Chile |
| Researcher | SP9 | Juan Ignacio Venegas Muggli | Instituto Profesional de Providencia (IPP) | Chile |
| Researcher | SP9 | Victor Barragan | Instituto Profesional de Providencia (IPP) | Chile |
| Lead Researcher | SP10.1 | Freda Wolfenden | Open University | UK |
| Researcher | SP10.1 | Pritee Auckloo | Mauritius Institute of Education | Mauritius |
| Researcher | SP10.1 | Alison Buckler | Open University | UK |
| Lead Researcher | SP10.2 | Atieno Adala | AVU - African Virtual University | Kenya |
| Researcher | SP10.2 | Therrezinha Fernandes# | AVU - African Virtual University | Kenya |
| Researcher | SP10.2 | Marilena Cabral | AVU - African Virtual University | Kenya |
| Researcher | SP10.2 | Tom Ojwang | AVU - African Virtual University | Kenya |
| Researcher | SP10.2 | Sophia Alexandre | AVU - African Virtual University | Kenya |
| Lead Researcher | SP10.3 | Laura Czerniewicz\* | University of Cape Town | South Africa |
| Researcher | SP10.3 | Sukaina Walji\* | University of Cape Town | South Africa |
| Researcher | SP10.3 | Michael Glover | University of Cape Town | South Africa |
| Researcher | SP10.3 | Cheryl Brown | University of Cape Town | South Africa |
| Researcher | SP10.3 | Andrew Deacon | University of Cape Town | South Africa |
| Researcher | SP10.3 | Janet Small | University of Cape Town | South Africa |
| Researcher | SP10.3 | Mary-Ann Fife# | University of Cape Town | South Africa |
| Lead Researcher | SP10.4 | Lauryn Oates | Canadian Women for Women in Afghanistan (CW4WAfghan) | Afghanistan |
| Researcher | SP10.4 | Jamshid Hashimi | Canadian Women for Women in Afghanistan (CW4WAfghan) | Afghanistan |
| Researcher | SP10.4 | Letha Kay Goger | Canadian Women for Women in Afghanistan (CW4WAfghan) | Afghanistan |
| Researcher | SP10.4 | Mubaraka Farahmand | Canadian Women for Women in Afghanistan (CW4WAfghan) | Afghanistan |
| Researcher | SP10.5 | Yasira Waqar | Virtual University of Pakistan | Pakistan |
| Lead Researcher | SP10.5 | Naveed Malik | Virtual University of Pakistan | Pakistan |
| Researcher | SP10.5 | Saba Khalil | University of Engineering and Technology | Pakistan |
| Researcher | SP10.5 | Sana Shams | Center for Language Engineering | Pakistan |
| Lead Researcher | SP10.6 | Shironica P. Karunanayaka | Open University of Sri Lanka | Sri Lanka |
| Lead Researcher | SP10.6 | Som Naidu | Monash University | Australia |
| Researcher | SP10.6 | Sashikala Kugamoorthy | Open University of Sri Lanka | Sri Lanka |
| Researcher | SP10.6 | Ranjan Gonsalkorala | Open University of Sri Lanka | Sri Lanka |
| Researcher | SP10.6 | Anoma Ariyaratne | Open University of Sri Lanka | Sri Lanka |
| Researcher | SP10.6 | T.D.L. Dhanapala | Open University of Sri Lanka | Sri Lanka |
| Research Assistant | SP10.6 | Shaminda Wanasinghe | Open University of Sri Lanka | Sri Lanka |
| Research Assistant | SP10.6 | Sasheeka Karunanayaka | Open University of Sri Lanka | Sri Lanka |
| Research Assistant | SP10.6 | Rasika Navaratne | Open University of Sri Lanka | Sri Lanka |
| Research Assistant | SP10.6 | M. Rajini | Open University of Sri Lanka | Sri Lanka |
| Research Assistant | SP10.6 | K. Gnaneratnam | Open University of Sri Lanka | Sri Lanka |
| Research Assistant | SP10.6 | Sunil Weerasinghe | Open University of Sri Lanka | Sri Lanka |
| Research Assistant | SP10.6 | Chandana Fernando | Open University of Sri Lanka | Sri Lanka |
| Research Assistant | SP10.6 | M.L. Sudarshana | Open University of Sri Lanka | Sri Lanka |
| Lead Researcher | SP10.7 | Sheila Bonito | University of the Philippines Open University | Philippines |
| Researcher | SP10.7 | Charisse Reyes | University of the Philippines Diliman | Philippines |
| Researcher | SP10.7 | Rita Ramos | University of the Philippines Manila | Philippines |
| Researcher | SP10.7 | Joane Serrano | University of the Philippines Open University | Philippines |
| Lead Researcher | SP11 | Sarah Goodier | University of Cape Town | South Africa |
| Researcher | SP12 | Carolina Botero | Karisma Foundation | Colombia |
| Lead Researcher | SP12 | Amalia Toledo | Karisma Foundation | Colombia |

**Appendix B** – **ROER4D Data collection methods**

The 18 projects of the ROER4D project use a variety of data collection methods

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| **Project** **number** | **Types of data collection methods** | **Qualitative or Quantitative** |
| SP1: Desktop overview | Literature review | Qualitative |
| SP2: Cross-regional survey | Online and paper-based survey  | Quantitative |
| SP3: Academics use of OER - India  | Online and paper-based questionnaireWorkshop interactions Interviews  | Both |
| SP4: Academics use of OER - South Africa | Workshop interactionsInterviews | Qualitative |
| SP5: OER Co-creation by teachers | Workshop interactionsQuestionnaireFocus group discussionsOnline interactions - emails etc | Both |
| SP6: Co-creation by teachers | QuestionnaireChat records (from informal conversations)InterviewsFocus group discussions | Both |
| SP7: Remix of OER by teacher educators | Logged records Workshop reflection questionnaireInformal Interview questionsFocus Group questions | Qualitative |
| SP8: OER adoption in Mongolia | InterviewsSurvey | Both |
| SP9: Impact of OER on students’ performance and teachers’s perceptions | Database of student data (marks, course etc)SurveyInterviews | Both |
| SP10.1: Impact of TESSA project’s OER on educators in Tanzania, Mauritius and Uganda | Document analysis (Review of policies and curriculum documents)SurveyInterviews | Both |
| SP10.2: Impact of OER in Kenya, Tanzania, Uganda, Somalia, Zambia and Zimbabwe | Document analysisInterviewsOnline questionnaire | Both |
| SP10.3: Impact of MOOCs as OER on educators’ practice at UCT, South Africa | InterviewsFocus group discussionsObservationsDocument analysis (proposals, monitoring and evaluation reports, promotional videos, institutional policies and strategic plans, permission forms, and artefacts of course content) | Qualitative |
| SP10.4: Impact of OER library in Afghanistan | Lesson plan assessmentClassroom observationQuestionnaireServer log data | Both |
| SP10.5: Investigating the Impact of OER on secondary and tertiary education in Pakistan | Questionnaire | Quantitative |
| SP10.6: Impact of integrating OER in teacher education at the Open University of Sri Lanka | QuestionnaireChecklist observation of lesson plansConcept mappingSelf-reflectionInterviewsFocus group discussionsStudy of records in the LMSNarratives in the form of “stories” | Both |
| SP10.7: Impact of OER course development at UPOU, Philippines | Document analysisInterviewsOnline survey | Both |
| SP11: Baseline educational expenditure - South Africa | Desktop review | Qualitative |
| SP12: Baseline educational expenditure - Colombia | Desktop review | Qualitative |

**Appendix C** – **List of sub-projects showing discipline and sector**

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| --- | --- | --- |
| **Project** | **Discipline** | **Sector** |
| #1 | All | Primarily post-secondary education |
| #2 | All | Post-secondary lecturers and students |
| #3 | All | Higher education lecturers |
| #4 | All  | University lecturers |
| #5 | Mathematics, Science and Social Science | Secondary school teachers and teacher educators |
| #6 | All (especially teaching with technology) | Basic and middle school teachers and teacher educators |
| #7 | Educational Research Methodology | Teacher educators |
| #8 | All | Institutions and government |
| #9 | Algebra | Higher education students and lecturers |
| #10.1 | Curriculum development | Teacher educators |
| #10.2 | Maths and Science | Teacher training institutions |
| #10.3 | Educational practice | University lecturers |
| #10.4 | All | Primary and secondary school teachers |
| #10.5 | Languages, Math, Science, Islamiyat and Pakistan Studies | Secondary and tertiary educators |
| #10.6 | Curriculum Development | Secondary School Teachers  |
| #10.7 | All, particularly Education, Health, and Management | Post Graduate Distance Education course developers |
| #11 | All, particularly Math and Science | Government, NGO |
| #12 | All | Government |

**Appendix D** – **Confirmed Participants at time of going to press**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sub-project** | **Country** | **Number of Institutions** | **Educators** | **Educators** | **Educators** | **Learners** | **Learners** | **TOTAL** |
|  |  |  | **School teachers** | **Teacher educators** | **University lecturers** | **School students** | **University students** |  |
| SP2 | Brazil | 2 |  |  | 17 |  | 287 | 304 |
| SP2 | Chile | 3 |  |  | 33 |  | 293 | 326 |
| SP2 | Colombia | 1 |  |  | 9 |  | 170 | 179 |
| SP2 | Ghana | 4 |  |  | 38 |  | 817 | 855 |
| SP2 | Kenya | 4 |  |  | 43 |  | 798 | 841 |
| SP2 | South Africa | 4 |  |  | 34 |  | 621 | 655 |
| SP2 | India | 2 |  |  | 23 |  | 437 | 460 |
| SP2 | Indonesia | 4 |  |  | 44 |  | 645 | 689 |
| SP2 | Malaysia | 4 |  |  | 54 |  | 716 | 770 |
| SP3 | India | 4 |  |  | 227 |  |  | 227 |
| SP4 | South Africa | 3 |  |  | 43 |  |  | 43 |
| SP5 | India |  | 67 |  |  |  |  | 67 |
| SP6 | Colombia | 11 | 48 | 11 |  |  |  | 59 |
| SP7 | Malaysia and India | 2 |  |  | 49 |  | 43 | 92 |
| SP8 | Mongolia | 6 |  |  | 42 |  |  | 42 |
| SP9 | Chile | 1 |  |  |  |  | 158 | 158 |
| SP10.1 | Tanzania | 2 |  | 18 |  |  |  | 18 |
| SP10.1 | Uganda | 3 |  | 31 |  |  |  | 31 |
| SP10.1 | Mauritius | 1 |  | 9 |  |  |  | 9 |
| SP10.2 | Kenya | 1 |  |  | 10 |  |  | 10 |
| SP10.2 | Tanzania | 1 |  |  | 6 |  |  | 6 |
| SP10.2 | Uganda | 1 |  |  | 5 |  |  | 5 |
| SP10.2 | Zambia | 1 |  |  | 3 |  |  | 3 |
| SP10.2 | Zimbabwe | 1 |  |  | 1 |  |  | 1 |
| SP10.2 | Somalia | 1 |  |  | 1 |  |  | 1 |
| SP10.3 | South Africa | 1 |  |  | 19 |  |  | 19 |
| SP10.4 | Afghanistan | 3 | 51 |  |  |  |  | 51 |
| SP10.6 | Sri Lanka | 9 provincial centres | 230 |  |  |  |  | 230 |
| SP11 | South Africa | n/a |  |  |  |  |  | 0 |
| SP12 | Chile | n/a |  |  |  |  |  | 0 |
| SP12 | Colombia | n/a |  |  |  |  |  | 0 |
| SP12 | Uruguay | n/a |  |  |  |  |  | 0 |
| Total  |  | 71 | 396 | 69 | 701 | 0 | 4985 | 6151 |