

People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
Mohamed Khider University- BISKRA
Faculty of Letters and Languages
Department of English
ISILC Laboratory
A2LA Rsearch Unit



الجمهورية الجزائرية الديمقراطية الشعبية
وزارة التعليم العالي و البحث العلمي
جامعة محمد خيضر - بسكرة
كلية الآداب و اللغات
قسم الإنجليزية
مخبر البحث ISILC
وحدة البحث A2LA

PARTICIPATION CERTIFICATE

This is to certify that **Dr. Fayçal SAOUDI and Dr. Amel BOUMARAF -Khenchela University-** participated at the first online national conference entitled

Data Analysis in Educational and Cultural Studies: Approaches, Stages, and Procedures

on November 10-11th, 2021

and to recognise your presentation entitled

Adapting research in education to the 21st century's world: Digital methods and techniques

Head of the Department
رئيس قسم اللغة و الادب الانجليزي
الطيب بوحيتيم

President of the Conference

رئيس المؤتمر الوطني
الدكتور: حواجلي أحمد شوقي

The Programme of the Online National Conference on “Data Analysis in Educational and Cultural Studies: Approaches, Stages, and Procedures”

Conference Chair: Dr. Ahmed Chaouki HOADJLI (Biskra University)

Day One: Wednesday, November 10th, 2021.

Introductory Session

<https://meet.google.com/erc-dvte-rhy>

Due Time

Opening Speeches

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| 09:00 – 09:05 | 1. Dean of the Faculty Dr. Brahim KETIHRI | كلمة لعميد الكلية |
| 09:05 – 09:10 | 2. Rector of the University Prof. Ahmed BOUTARFAIA | كلمة لرئيس الجامعة |
| 09:10 – 09:15 | 3. President of the ISLC Laboratory Dr. Ramdane MEHIRI | كلمة لمدير المخبر |
| 09:15 – 09:20 | 4. Chair of the Conference Dr. Ahmed Chaouki HOADJLI | كلمة لرئيس الملتقى |

Plenary Session

Moderator: Dr. Salim KERBOUA

<https://meet.google.com/erc-dvte-rhy>

Due Time

Keynote Speakers

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|----------------------|--|
| 09:20 – 09:35 | 1. Prof. Saliha CHELLI (University of Biskra) Demystifying Quantitative Data Analysis for Algerian Novice Researchers |
| 09:35 – 09:50 | 2. Prof. Nadia AHOUARI IDRI (University of Bejaia) Qualitative Data Analysis in the Humanities: Nuances and Clues |
| 09:50 – 10:00 | Break |
| 10:00 – 10:15 | 1. Dr. Barkat TURKI (University of Biskra) The Significance of Primary Research in the Elaboration of Master Dissertations and the Use of Direct Observations as a Research Tool |
| 10:15 – 10:30 | 2. Prof. Mohamed MELLOUK (University of Sidi Bel-Abbès) Master Students’ Common Practical Mistakes while Conducting Research |
| 10:30 – 10:45 | 3. Dr. Nadia REZIG BETKA (University of Biskra) Hypotheses in Qualitative Research: The Mediative Hypotheses Importance in Civilization Issues |

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| 10:45 – 11:00 | 4. Prof. Hind Amel MOSTARI (University of Sidi Bel Abbès) Understanding the ‘Observer Paradox’ in Sociolinguistic interview |
| 11:00 – 11:15 | 5. Dr. Ahmed Chaouki HOADJLI (University of Biskra) Revisiting the Importance and Significance of Data Analysis in Research |

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| 11:15 – 12:00 | Debate |
| 12:00 – 13:00 | Break |

Day One: Wednesday, November 10th, 2021.

Workshop A: Viva Room
<https://meet.google.com/biv-okoi-sjj>

Session 01: Approaches of Data Analysis
Moderator: Dr. Mostafa MEDDOUR

| Due Time | Presenters’ Names |
|-----------------|--|
| 13:00 – 13:10 | 1. Dr. Khaled CHOUANA (University of Khenchela) Using film analysis as an optimal approach to deconstruct American identity: Values and contradictions |
| 13:10 – 13:20 | 2. Ms. Nada LALOUA (University of Biskra) Understanding qualitative data analysis: Approaches and challenges |
| 13:20 – 13:30 | 3. Ms. Rim KELTHOUM and Dr. Mahbouba MSSERHI (Khenchela University) A comparative study of quantitative Vs. qualitative data analysis approaches |
| 13:30 – 13:40 | 4. Mr. Mountassar Billah KELLIL and Dr. Sabrina BAGHZOU (University of Khenchela) A mixed-methods approach to analysing critical reading of literary texts |
| 13:40 – 13:50 | 5. Ms. Anouar BOUZIDI (University of Biskra) Illuminating stylistic data analysis in literary studies |
| 13:50 – 14:00 | Debate |

| Session 02: Methods of Qualitative Data Analysis Moderator: Dr. Mostafa MEDDOUR https://meet.google.com/biy-okoi-sjj | |
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| 14:00 – 14:10 | 1. Dr. Salim KERBOUA and Mr. Nouredine BENDOUMA (University of Biskra) Textual analysis as a method for data analysis in literary studies |
| 14:10 – 14:20 | 2. Dr. Fayçal SAOUDI (University of Khenchela) Adapting research in education to the 21 st century's world: Digital methods and techniques |
| 14:20 – 14:30 | 3. Ms. Kenza SAOU (University of Biskra) Qualitative Content Analysis (QCA) in Educational Research: Conceptualisation, Approaches, and Stages |
| 14:30 – 14:40 | 4. Mr. Mohamed Assed DOUIDI (Biskra University) Thematic analysis of Quran study |

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| 14:40 – 14:50 | 5. Ms. Rania DJOUHRI (University of Biskra) Document analysis method of qualitative research |
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| 14:50 – 15:00 | Debate |
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| Day One: Wednesday, November 10th, 2021. | |
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| Workshop B: Meeting Room https://meet.google.com/cvv-ukjw-xno | |
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| Session 01: Methods of Qualitative Data Analysis Moderator: Dr. Hanane SAIHI | |
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| Due Time | Presenters' Names |
|----------------------|--|
| 13:00 – 13:10 | 1. Dr. Mohammed GHEDEIR BRAHIM (University of Eloued) Methods to analysing qualitative data in social sciences and related subjects |
| 13:10 – 13:20 | 2. Mr. Lamjed LHAMEL and Dr. Ramdane MEHIRI (University of Biskra) Stylistics as a methodical apparatus for adjusting literature research findings |
| 13:20 – 13:30 | 3. Ms. Meriem HENOUDA (University of Biskra) Thematic analysis: Qualitative analytic method |

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| 13:30 – 13:40 | 4. Dr. Chahrazed HAMZAOUI (University of Ain Temouchent) Reliability and validity: Effective methods and techniques of testing questionnaires used in human and social sciences research |
| 13:40 – 13:50 | 5. Mrs. Mouna MESSIS (University of Skikda) Content analysis: A research method in investigating FL textbooks cultural content |
| 13:50 – 14:00 | Debate |
| Session 02: Data Analysis in Qualitative Research: Procedures and Stages Moderator: Dr. Hanane SAIHI https://meet.google.com/cvv-ukjw-xno | |
| 14:00 – 14:10 | 1. Dr. Ramdane MEHIRI and Mrs. Halima HAMED (University of Biskra) Data analysis in qualitative research: Demystification of terms, concepts, and practices |
| 14:10 – 14:20 | 2. Dr. Nawel MAROUF (University of Saida) Qualitative data analysis: The discourse analysis approach |
| 14:20 – 14:30 | 3. Dr. Tayeb BOUAZID (University of Msila) The qualitative research method- a consistent explorative recipe for case study data analysis |
| 14:30 – 14:40 | 4. Mrs. Nadjette MOUSSAOUI (University of Biskra) Using the think aloud protocols for investigating learners' cognitive processes. EFL learners' listening strategies at Biskra University: An illustrated study |
| 14:40 – 14:50 | 5. Dr. Nesrine GHAOUAR (University of Annaba) Data Analysis in qualitative research: Focus on interview |
| 14:50 – 15:00 | Debate |

Day Two: Thursday, November 11th, 2021.

Workshop A: Viva Room
<https://meet.google.com/igk-mfmv-aqn>

Session 03: Data Analysis in Qualitative Research: Procedures and Stages
Moderator: Dr. Tarek ASSASSI

| Due Time | Presenters' Names |
|----------------------|--|
| 09:00 - 09:10 | 1. Mr. Moulay Abderrahmane MALOUKI and Dr. Ahmed BACHER (University of Biskra) Analysis of rhetorical moves of journal articles written by Algerian chemists: Case of Journal of Fundamental and Applied Sciences (JFAS) |
| 09:10 - 09:20 | 2. Dr. Leila BELLOUR (University of Mila) Reading the Islamophobic novel using critical race theory |
| 09:20 - 09:30 | 3. Dr. Souad KHELOUFI (University of Oran2) Data analysis in Variationist Sociolinguistics |
| 09:30 - 09:40 | 4. Mr. Sid Ali SELAMA (ESSA- Algiers) The use of Grounded Theory in qualitative foreign language education research |
| 09:40 - 09:50 | 5. Ms. Razika HADJOU (University of Biskra) The merging of qualitative methods and the use of triangulating strategy for data analysis |
| 09:50 - 10:00 | Debate |

Session 04: Using Computerised Software for Quantitative and Qualitative Data Analysis
Moderator: Dr. Chahira NASRI
<https://meet.google.com/igk-mfmv-aqn>

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| 10:00 – 10:10 | 1. Dr. Afaf RABEHI (University of Lancaster) Early career multilingual researchers and challenges to consider: Pre-, pot, and in the field |
| 10:10 – 10:20 | 2. Mrs. Latifa IBRIR (University of Laghouat) Computer assisted techniques to enhance research psychometrics: A review of Algerian Ph.D. dissertations |
| 10:20 – 10:30 | 3. Dr. Fouzia BENNACER and Dr. Chadia CHIOUKH (University of Mila) Software tools for quantitative and qualitative data analysis |

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| 10:30 – 10:40 | 4. Dr. Tarek ASSASSI (University of Biskra) Eye-tracking and software-based meta-discourse analysis in academic corpora: Longstanding challenges and modern perspectives |
| 10:40 – 10:50 | 5. Mr. Abdellatif DJEDEI (University of Biskra) Data analysis in foreign policy research: Using CAQDAS for thematic content analysis |
| 10:50 – 11:00 | 6. Dr. Djamila BENCHENNANE (University of Mascara) Needs analysis for a better class enjoyment |
| 11:00 – 11:10 | Debate |
| 11:10 - 12:00 | Break |
| Session 05: Ethical Issues in Educational Research Moderator: Mrs. Halima HAMED https://meet.google.com/igk-mfmy-aqn | |
| 12:00 – 12:10 | 1. Ms. Raja REZZAG BARA (University of Biskra) The principles of qualitative research methods |
| 12:10 – 12:20 | 2. Dr. Malika BENAHCEN (University of Oran2) Strategies for ensuring validity and reliability in quantitative data analysis |
| 12:20 – 12:30 | 3. Ms. Omayma SAIHI (University of Biskra) Ensuring validity and reliability strategies: The case of integrated skills tests |
| 12:30 – 12:40 | 4. Mr. Abdelmoumen BOULEBNANE and Mr. Tarek BOUABDALLAH (University of Algiers2) Boosting trustworthiness in qualitative research |
| 12:40 – 12:50 | 5. Ms. Karima ASSASLA (University of Biskra) Reiterating the value of qualitative research through meeting the trustworthiness criteria |
| 12:50 – 13:00 | 6. Mr. Nadir MHAMEDDI (University of Laghouat) Using corpus data in the critical analysis discourse |
| 13:00 – 13:10 | Discussion |

Session 06: Challenges in Data Analysis
Moderator: Dr. Ahmed Chaouki HOADJLI
<https://meet.google.com/igk-mfmy-aqn>

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| 13:10 – 13:20 | 1. Dr. Mohamed BOUKEZZOULA and Dr. Loubna KOUIRA (University of Jijel) Exploring the potential of a critical approach to action research in developing a national research agenda |
| 13:20 – 13:30 | 2. ¹Dr. Nadia GHOUNANE and ²Dr. Hanane RABAHI (University of Saida and ²Maghnia University Center) Conducting sensitive research: Constraints and considerations |
| 13:30 – 13:40 | 3. Dr. Nawal KHELALFA (University of Khenchela) Challenges faced by Algerian researchers of English in the application of quantitative data analysis procedures |
| 13:40 – 13:50 | 4. Mr. Abdelhak ZIDANE (University of Biskra) Data analysis in applied linguistics: What solutions can we offer to novice researchers? |
| 13:50 – 14:00 | 5. Mr. Mohamed Charaf Eddine AMIRAT (University of Laghouat) Qualitative analysis: Challenges of gathering data and analytical approach in literary texts |
| 14:00 – 14:10 | 6. Ms. Fatima Zahra HEBBALI (University of Tlemcen) Challenges of mixed-methods research in Sociolinguistics |
| 14:10 – 14:20 | Debate |

Day Two: Thursday, November 11th, 2021.

Workshop B: Meeting Room
<https://meet.google.com/btd-vyai-ove>

Session 03: Using Computerised Software for Quantitative and Qualitative Data Analysis
Moderator: Ms. Kenza MERGHMI

| Due Time | Presenters' Names |
|----------------------|---|
| 09:00 – 09:10 | 1. Dr. Mostafa AMRATE (University of Biskra) Computer-assisted qualitative data analysis: A guide user for Taguette |
| 09:10 – 09:20 | 2. Dr. Ahlem CHELGHOUM (University of Annaba) Computer-assisted data analysis: What EFL teachers need to know? |

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| 09:20 – 09:30 | 3. Dr. Chahira NASRI and Dr. Samia MAALEM (University of Biskra) Some of the most important uses and benefits of SPSS in the mixed methods research |
| 09:30 – 09:40 | 4. Dr. Nadjat KHENIOUI (University of Algiers) Assistive data collection and analysis software for Ph.D. students |
| 09:40 – 09:50 | 5. Ms. Houda DJOUAMA (University of Biskra) Qualitative data analysis: Implementing SPSS software for achieving credible outcomes in research |
| 09:50 – 10:00 | 6. Dr. Fazilet ALACHAHER (University of Tlemcen) Needs analysis as a starting point for designing a syllabus for English for Specific Purposes courses |
| 10:00 – 10:10 | Debate |
| Session 04: Ethical Issues in Educational Research Moderator: Dr. Barkat TURQUI https://meet.google.com/btd-vyai-oye | |
| 10:10 – 10:20 | 1. Dr. Amina HAMDOUN (ENS Bouzareah) Trustworthiness in qualitative data analysis: What strategies to adopt? |
| 10:20 – 10:30 | 2. ¹Dr. Ahmed BACHER and ²Mr. Yasser BEN MOUSSA (¹ University of Biskra and ² University of Ouargla) Data analysis and interpretation in the balance of the ethical code |
| 10:30 – 10:40 | 3. Ms. Maria SLIMANI (University of Biskra) Trusting qualitative research methods conducted on literary and cinema productions |
| 10:40 – 10:50 | 4. Ms. Imane BOUDEFLA (University of Tlemcen) The significance of data accuracy and integrity for data analysis in pragmatic research |
| 10:50 – 11:00 | 5. Dr. Manel MIZAB (University of Tébessa) Surfing factor analysis in educational research |
| 11:00 – 11:10 | Debate |
| 11:10 – 12:00 | Break |

Session 05: Challenges in Data Analysis

Moderator: Ms. Meriem HENOUDA

<https://meet.google.com/btd-vvai-oye>

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| 12:00 – 12:10 | 1. Dr. Manel MOULEME (University of Constantine1) Challenges in analysing ethnographic data in a sociolinguistic study of codeswitching |
| 12:10 – 12:20 | 2. Dr. Siha BOUGHANI (University of Bejaia) Inferential statistics in Algerian EFL postgraduate students' published articles: Challenges and perspectives |
| 12:20 – 12:30 | 3. Mr. Ahmed GUEBBOUH (University of Biskra) Impacts of erroneous data on data analysis and research outcomes: Misinformation, reactions, economic failure, and death |
| 12:30 – 12:40 | 4. Dr. Miloud BEKKAR (University of Mascara) Challenges in data analysis: The necessity of providing an enriched data quality |
| 12:40 – 12:50 | 5. Dr. Radia BOUGUEBS (ENS Constantine) Thematic analysis worry: A release from a heavy workload via computer-assisted qualitative data analysis software use |
| 12:50 – 13:00 | Debate |
| Session 06: Deciphering Common Practices/ Issues in Research | |
| Moderator: Ms. Kenza SAOU | |
| https://meet.google.com/btd-vvai-oye | |
| 13:00 – 13:10 | 1. Dr. Mokhtar HAMADOU CHE (University of Oum El Bouaghi) Authoring a Master's dissertation following a pre-existing misleading model: The case of English majors at Oum El Bouaghi University |
| 13:10 – 13:20 | 2. Dr. Zahia BOUCHAIR (University of Jijel) Trustworthiness in textbook evaluation studies: A focus on the analysis of the pronunciation component in the Algerian first year secondary school textbook "At the Crossroads" |
| 13:20 – 13:30 | 3. Dr. Taoufik DJENNANE (University of Tlemcen) The necessity to update facing university teachers in the era of computerised software |
| 13:30 – 13:40 | 4. ¹Mr. Abdelbasset DOU and ²Islam BELAIFA (¹ University of Mostaganem and ² University of Annaba) The suitability of Netnography in language studies |

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| 13:40 – 13:50 | 5. Mrs. Mounira DEROUAG and Dr. Fatiha SAHLI (University of Constantine1) Addressing Master 2 students' difficulties in doing the literature review of their dissertations: Investigation into the role of the supervisor |
| 13:50 – 14:00 | 6. Ms. Djahida ABDERRAHMANE and Dr. Nawal MEBITIL (University of Mascara) The dilemma of research methodology in the eyes of Ph.D. researchers: Between training and teaching |
| 14:00 – 14:10 | Debate |
| Ending Sessions/Closing Ceremony | |

THE FIRST ONLINE NATIONAL CONFERENCE ON
Data Analysis in Educational and Cultural Studies: Approaches,
Stages and Procedures
Nov 10-11, 2021

Study Title:

Adapting Research in Education to the 21 st
Century's World: Digital Methods and Techniques

By Dr Fayçal Saoudi (MCB) & Dr Amel Boumaraf (MCB)

Abbas Laghrour University, Khenchela, Algeria

Introduction

- ▶ **The digital transformation** has completely opened up the field of learning possibilities. **Our relationship with education and training has changed profoundly** and new technologies now allow **us to learn anywhere, anytime and at the pace that suits us best.**
- ▶ One famous form of digital learning is **E-learning** (Distance learning)
- ▶ With the **Covid 19 pandemic**, **Education** radically changed and **E-learning** became an essential, integral part of the learning/teaching process
- ▶ Digital platforms like **Zoom** and **Google Meet** became the **'new classrooms'**



Study Problem and Orientation

- ▶ **The transformation in education** and **the rise of E-learning** requires *innovative research methods*
- ▶ *Digital/online research methods of E-learning are still inadequately touched upon*
- ▶ *This study is exploratory in nature and oriented towards describing the current E-learning research methods and the MTH module in our universities in light of this novel research*

Objectives

This study aims at:

- ▶ Shedding light on the fast rise of E-learning
- ▶ Introducing the current innovative methods in researching E-learning
- ▶ evaluating the MTH course's syllabus in our universities in light of these innovative methods in researching online learning

Method

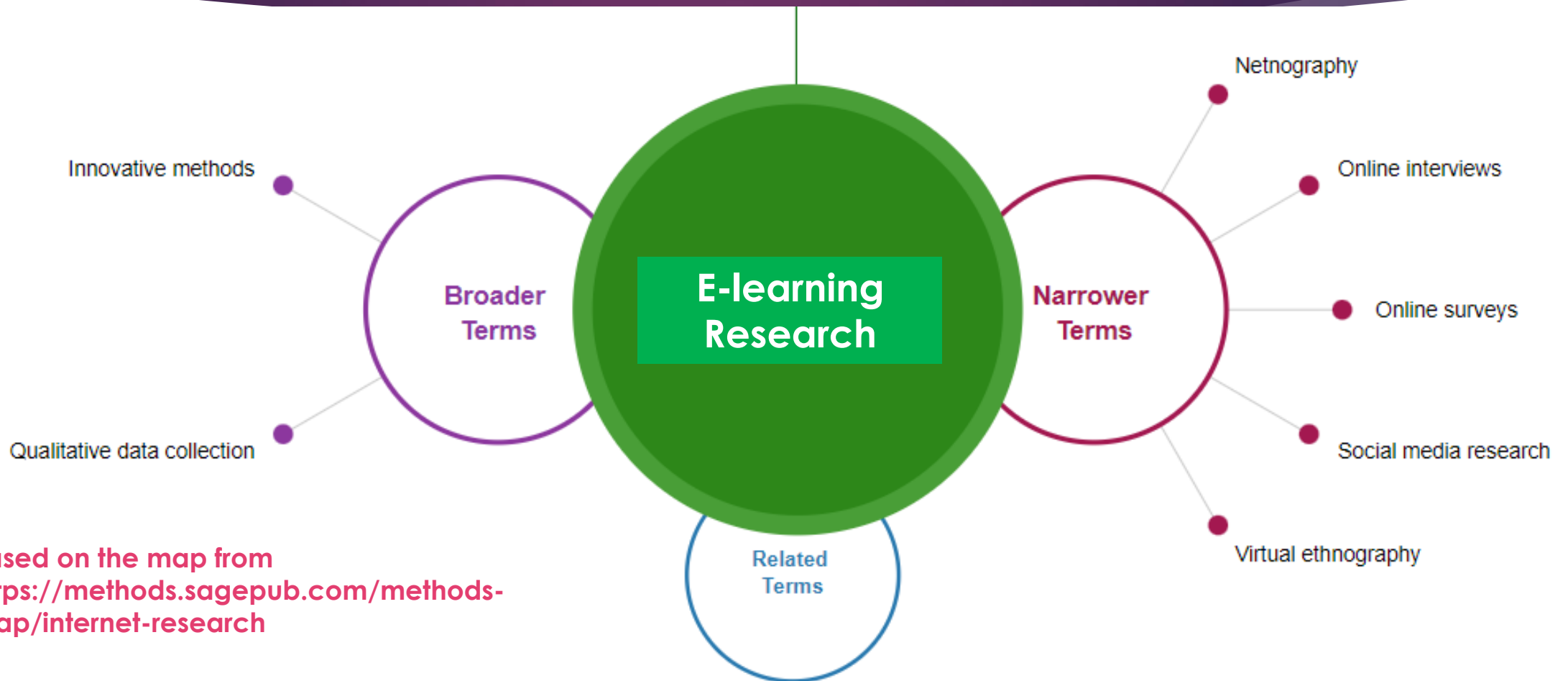
Given the nature, orientation and objectives of this study, we relied on two data collection tools:

- ▶ **Synthesis/review of recent and current studies and works on researching E-learning including:**
- ▶ **Action research: our experiences both in conducting online research and in supervising master's works dealing with E-learning topics**

Results and Discussion

- ▶ *In recent studies and works, it has been argued that:*
the **qualitative methodology is a natural choice** in researching E-learning
(Bianco and Carr-Chellman, 2000; Lowenthal & Leech, 2009; Gerber, Abrams,
Curwood & Magnifico, 2017; Borgnakke, 2019)
- ▶ This is illustrated in the following figure:

Figure 1 – Innovative Qualitative Research of E-learning



Based on the map from <https://methods.sagepub.com/methods-map/internet-research>

Results & Discussion

- ▶ Research design is different = **Remote research**
- ▶ **Participant's Observation:**
 - Conducted **Online** = mastery of computer mediated tools and programs
 - The researcher can be invisible = **observer paradox** diminished
 - Difficulty of observing all participants* and grasp all details!!
- ▶ **Interviews:**
 - Conducted online using : Instant messaging apps, mobiles, etc
 - time and effort saved
 - reaching many people easily & data saved automatically
 - no facial expressions/reactions (disadvantage)
- ▶ **Document analysis:**
 - Not so different from offline document analysis, except for the online documents are diverse and relatively long and loaded with information

Results & Discussion

- ▶ **Ethical issues in researching E-learning:**

- Participant's privacy

- anonymity

- Use of Public data

Results & Discussion

- ▶ **The Methodology course syllabus at our universities:**
 - Serious problems in conducting Online qualitative research
 - Students unaware of the specificities of Online research in education
 - Syllabus misses the online research methods, especially online qualitative method

Conclusion

- ▶ More studies about E-learning are required
- ▶ More light must be shed on Online methods in researching Education
- ▶ The online qualitative methods are recommended in the MTH course at our universities

