Trends of Water, Sanitation, and Hygiene (WASH) Research in Indonesia: A Systematic Review

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Introduction

• Investigate WASH research in Indonesia:
  1. Topic
  2. Theme
  3. Year
  4. Location

• Published in January 2022
• Link: https://www.mdpi.com/1660-4601/19/3/1617
Data

- Database: Scopus & Web of Science
- Review until April 2021
- Main criteria:
  1. SDG 6.1 dan 6.2
  2. English-written article
- Final: 272 international scientific articles
• Water topic and social theme are often studied
• Combination topic → multidiscipline
Social theme is dominant in sanitation, hygiene, and combination topic → factors related to WASH behavior/practice (behavioral determinant)
There is an increase in the WASH research in the last decade
WASH research in Indonesia is often related to health and sustainability issues
WASH research Inequalities in Indonesia → mostly in Java, followed by East Nusa Tenggara
Suggestions on future WASH research

• WASH in public space (school, healthcare facilities, etc.)
• Emergency situation
• Disability and gender (menstrual hygiene)
• Vulnerable community (remote area, indigenous community, dll.)
• Lessons learned of WASH program/implementation
• Location outside Java island
• Financial theme
• ...

Locally rooted, globally respected
Reflection

• Need multidisciplinary research
• Collaboration between academia and non-academia (NGO, local or national government, industry, etc.) → research-based policy/program/implementation
• Collaboration between university/research institution in Java and non-Java
• Need a platform to share research findings → WASH symposium/conference in Indonesia
Thank You

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