Why do we need Open Science in Crisis Situations?

B. Burçak Başbuğ Erkan, Ph.D.
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UNESCO OPEN SCIENCE

• Transferring science into practice to find solutions for challenges
• Transparency
• Inclusiveness
• Innovation
• Respect to diversity of cultures
• International and multi-stakeholder cooperation
• Academic freedom

• Research integrity

• Scientific excellence

• Sharing information

• Communication with society

• Scientific publications

• Using physical and virtual materials
VALUES

- Quality and integrity
- Collective benefit
- Equity and fairness
- Diversity and inclusiveness

PRINCIPLES

- Transparency, scrutiny, critique and reproducibility
- Equality of opportunities
- Responsibility, respect and accountability
- Collaboration, participation and inclusion
- Flexibility
- Sustainability
2011 Van Earthquake

- Data needed to divert SAR Teams
- Data needed to learn the needs of the community
- Multicultural diversity – response were different in different societies
- Equity & Fairness
- Debris removal
- Technology and Innovation
• Secondary hazards such as fire

• Scientific publications at the initial phase and later phases

• Emergency sheltering

• Aid distribution (location, quantity ...)

• Accountability

• International multi-stakeholder collaboration
Thank you!

bberna@metu.edu.tr
bbasbug@gmail.com