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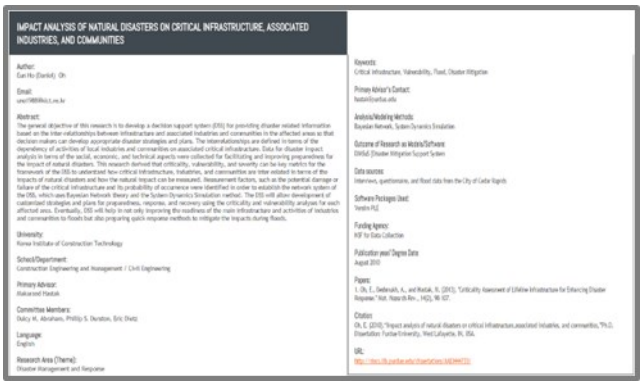
Academic Breakthroughs

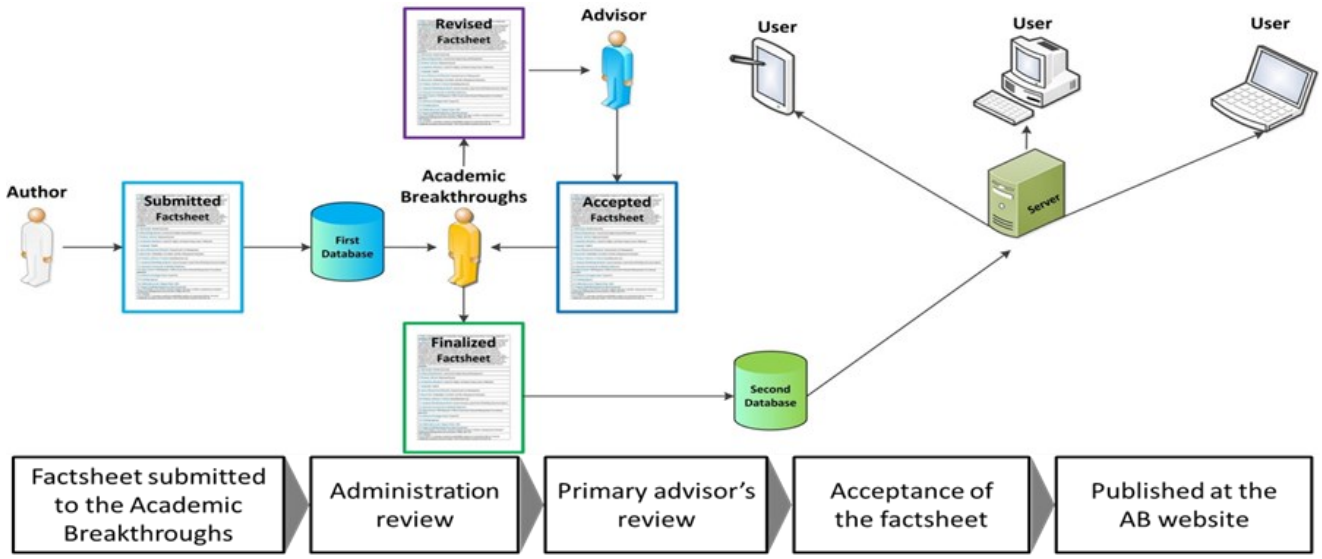
The Academic Breakthroughs portal is dedicated database for documenting research achievements in construction engineering and management.
(Link: http://rebar.ecn.purdue.edu/phd2/)



Unique Data Points for In-Depth Queries

The Academic Breakthrough synthesizes relevant information from PhD dissertations and display them in the form of factsheets. A dissertation factsheet will display information about a research breakthrough including information such as area of research, theme, analysis modeling methods, data sources, advisor contact, etc., which will be easily searchable. The Academic Breakthroughs is currently promoted by the construction engineering organizations, such as Global Leadership Forum for Construction Engineering and Management Programs (GLF-CEM) and the ASCE Construction Research Council (CRC).

Process of Factsheet Registration



Supporting Organizations:

ASCE AMERICAN SOCIETY OF CIVIL ENGINEERS

CONSTRUCTION ENGINEERING & MANAGEMENT PURDUE UNIVERSITY

Academic Breakthrough continued...

Benefits of the Academic Breakthroughs

For New PhDs

- Promote their research outcomes to both the industry and academia
- Provide the information useful for citation

For Academic Community

- Highlighting the most recent research advancements in CEM
- Helping new graduate students in CEM to get familiar with current research trends
- A database that is exclusively dedicated to help researchers in CEM
- A single location to search and find research trends and associated faculty members/researchers
- Quick and in-depth search in the content of PhD dissertations
- Showing the latest trends of research within CEM programs
- Readers can easily find what methodologies CEM research use and what outcomes they can expect from dissertation

For Industry

- Serving as a hub to assist CEM professionals and recent PhDs to mutually identify employment opportunities
- Industry professionals can identify cutting edge technologies that might help them improve their current practices
- If industries need any academic advice, they can readily find professionals in the academic area who did the relevant research