

The Proposal of the Approach to Enhance Disaster Management Literacy Arranging Knowledge and Lesson of Disaster Management : Utilizing "Design Trend Press (DTP)"

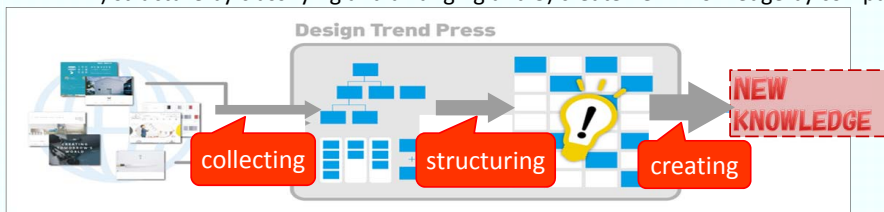
Concept of DTP



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DTP is a system designed to enhance disaster management literacy. Users can post and share the contents about hazard disaster and disaster management on the Web easily. By using DTP, we can 1) collect contents and information, 2) structure by classifying and arranging and 3) create new knowledge by comparing and fusing.



- guideline
- JPEG
- webpage
- photo
- report
- pdf
- docx
- movie
- paper

How to Create New Knowledge Using DTP

(Posting)

Situation:

User wants to **post the link** about disaster education for foreigner hosted by volunteer organizations.



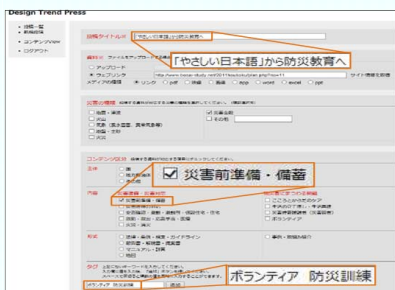
1) Access

The user accesses the system using the account that is issued for each user.



2) Attributes

- "type of disaster": "disaster in general"
- "contents": "preparation and stock"
- "tag": "volunteer"
- "tag": "disaster drill"



3) Completion of posting

New content !!



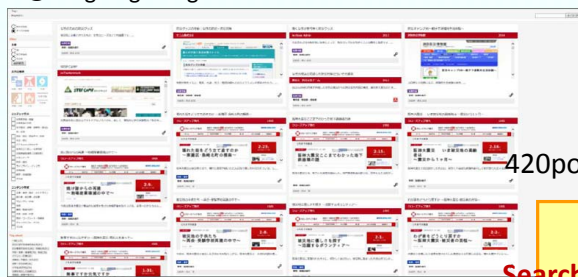
(Searching)

Situation:

User is looking for the document that he/she uses in order to educate his/her students about an earthquake.

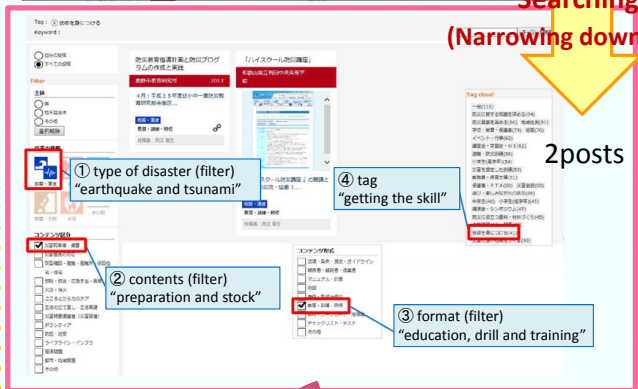
category selection

- ① "type of disaster": "earthquake and tsunami"
- ② "contents": "preparation and stock"
- ③ "format": "education, drill and training"
- ④ "tag": "getting the skill"



420posts

Searching (Narrowing down)



2posts

Future Subjects

Opening to public
: System of user management

Personalizing the contents
Ex) add a function favorite folder

Linking with other systems

