19th TRIZ Future Conference (TFC2019)
Held by European TRIZ Association (ETRIA),
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World TRIZ Sites Project (WTSP) (2):

To Build Catalogs of TRIZ-Related Web Sites in the World

Summary Slides

Oct. 10, 2019

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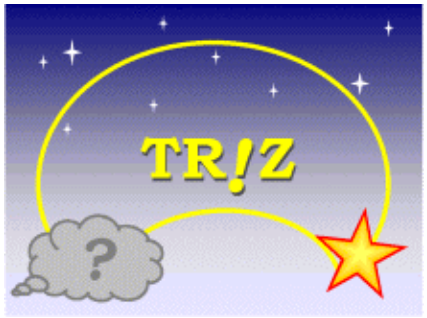
URL: https://www.osaka-gu.ac.jp/php/nakagawa/TRIZ/eTRIZ/



[1] WTSP Project: Aims and Pilot Project in Japan

[1A] Aims of WTSP

(2018.10.29 TFC2018)

- **To build Catalogs of TRIZ-related Sites**
  - **of each country** (in their own language, then in English) and
  - **of the whole world** (in English, then in many languages)
  - with appropriate (brief but close) **introduction of individual sites**
  - with **appropriate selection** of (useful and important) sites
  - **for various people** (unfamiliar, beginners, users, and experts in TRIZ)
  - in the field of **TRIZ and relevant methodologies**
  - as **reliable sources of information** (on theories, applications, activities)
- **To keep the Catalogs up-to-date**
  - accepting new and revised information regularly
  - revising all the Catalogs every two years

Bottom-up Strategy

- **For promoting TRIZ and relevant methodologies further in the world**
- **By voluntary collaboration of many TRIZ colleagues in the world**

[2D] World WTSP Catalogs

Practical process

Manuscripts to be prepared by WTSP Teams

(b) Table of sites (.xlsx)
Basic data for indexing

(a) Descriptions of sites (.docx)

Convert into HTML

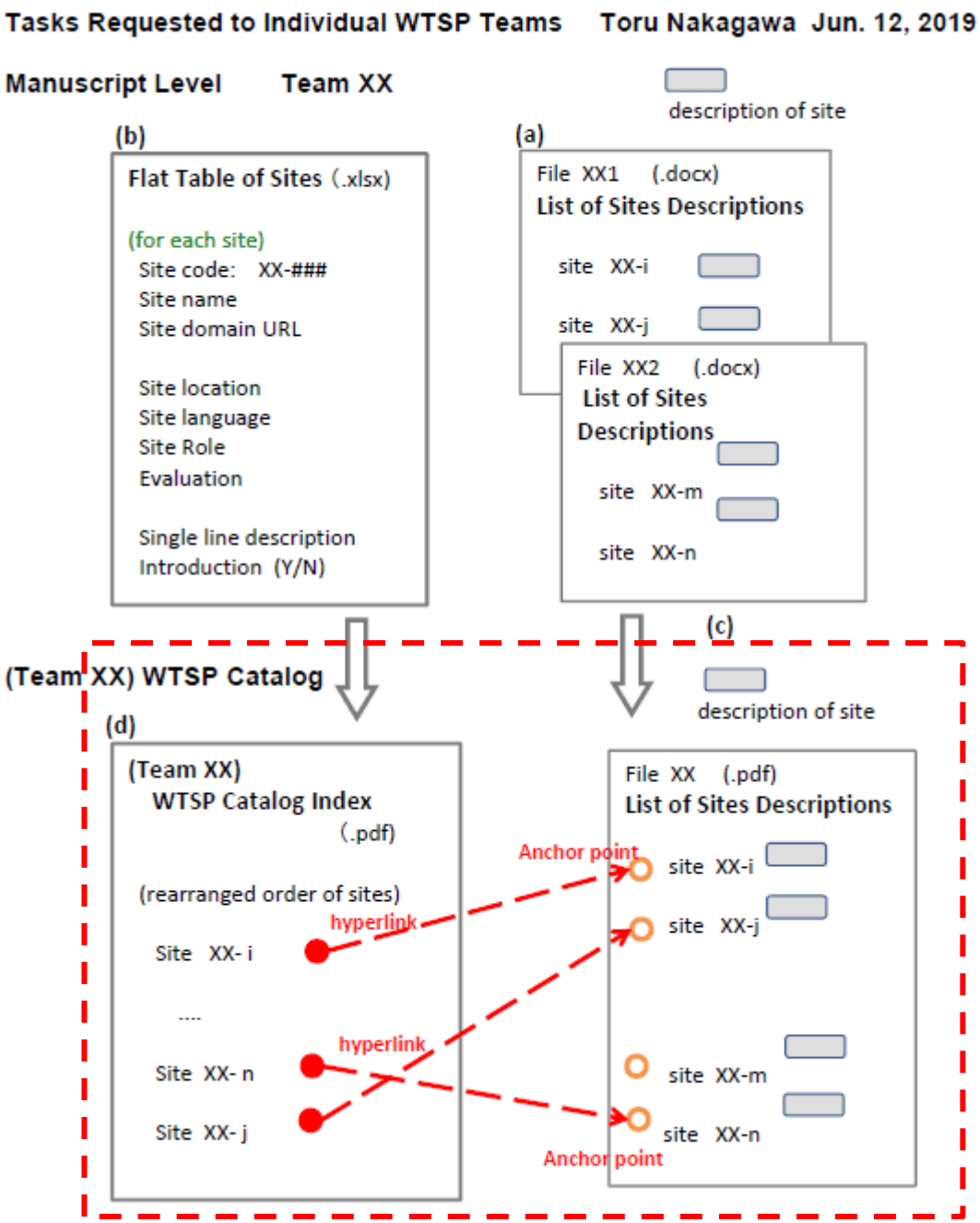
Country WTSP Catalog

(d) Index page (.html)

(c) Site description page (.html)

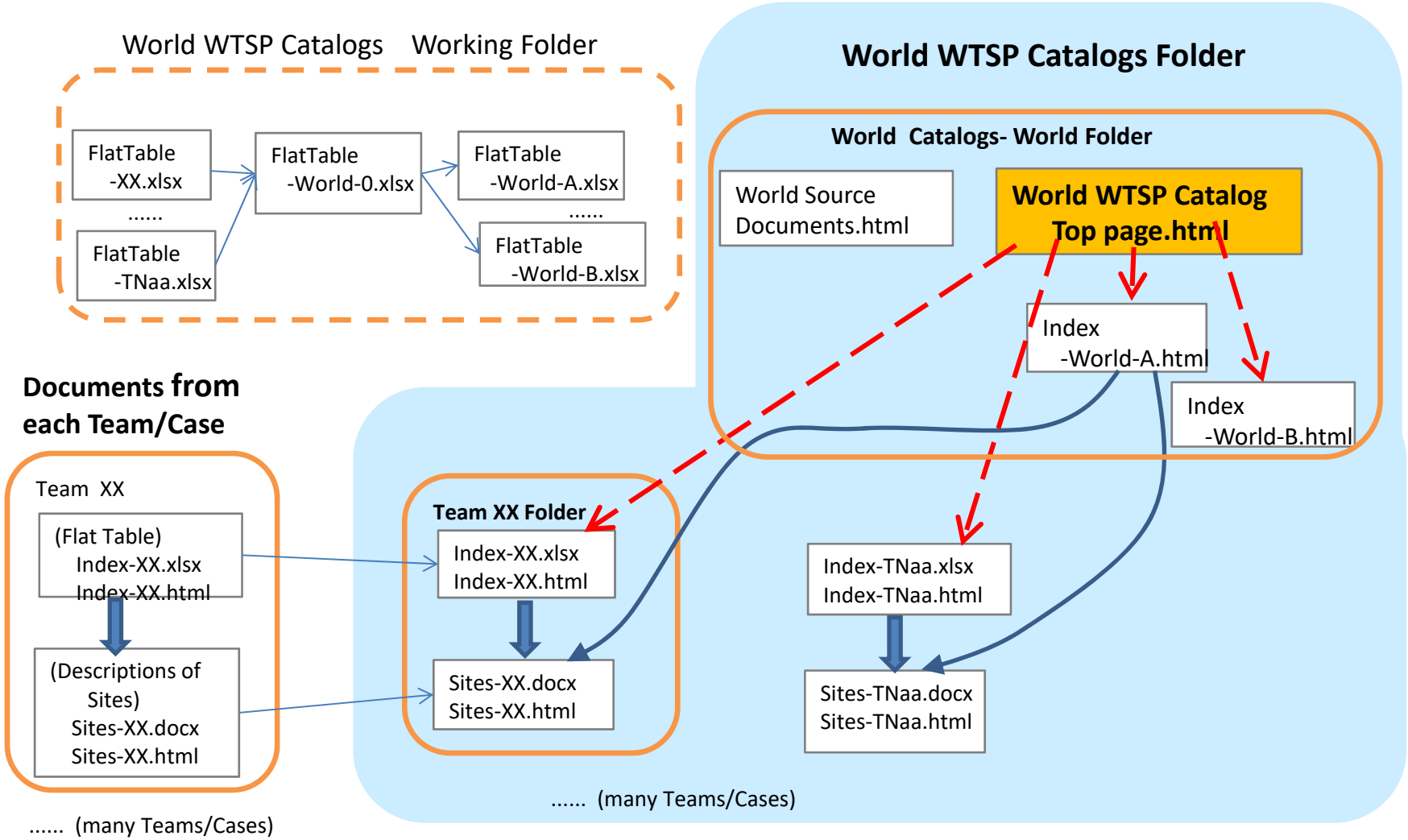
Integrate Catalogs of many Teams

World WTSP Catalogs

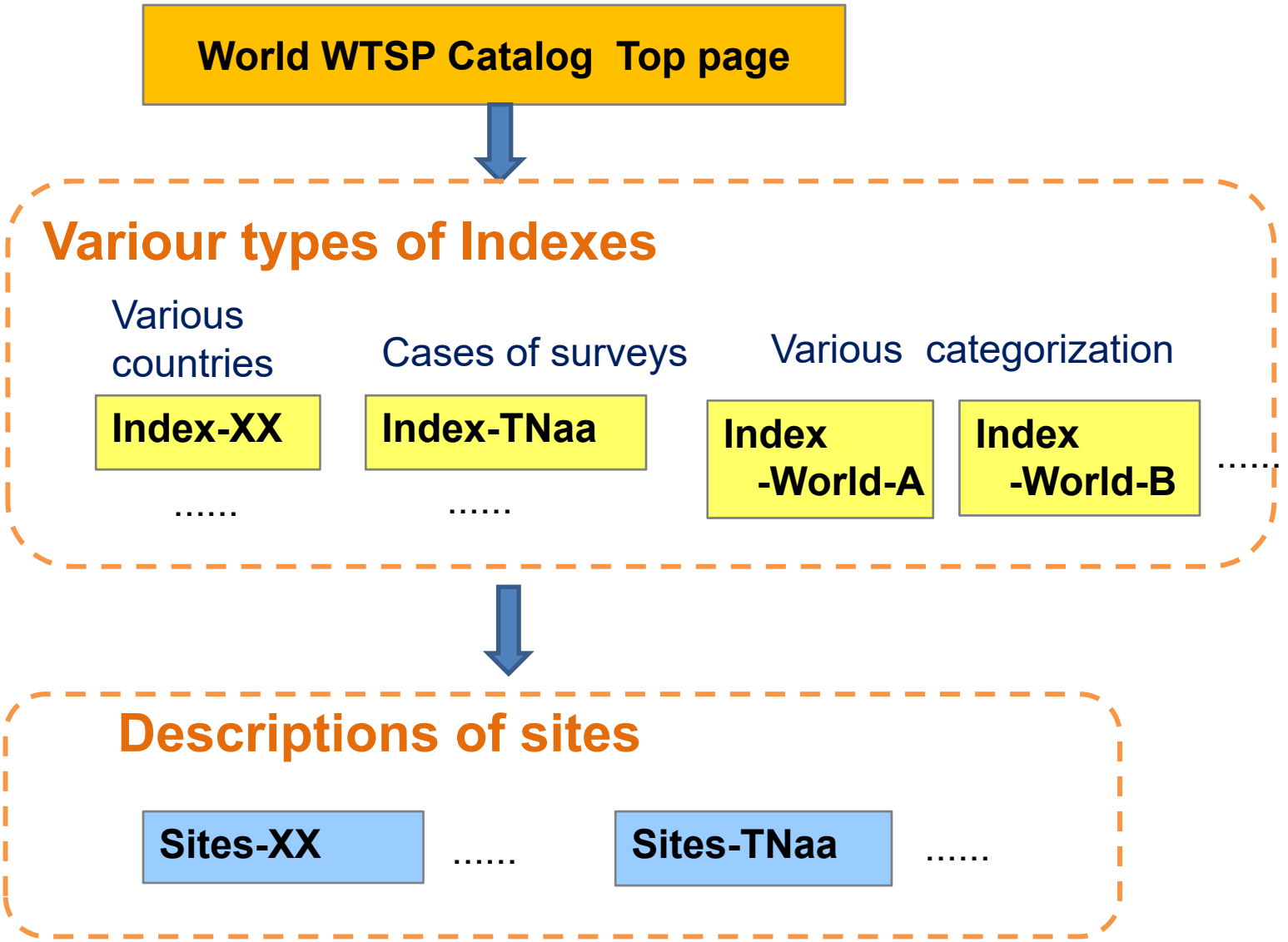


[3C] Structure of the World WTSP Catalogs (Practical & Achieved)

World WTSP Catalogs　Document Management and Folder Structure
Toru Nakagawa　2019. 8. 4



World WTSP Catalogs Structure (User's View)



[4C] (A) World TRIZ Sites Basic Index (◎○)

Obtained with ◎ 23, ○ 39

(A0) World TRIZ Sites Top Index (◎)

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- OTSM (Nikolai Khomenko)
- Methodologist
- Institute of Innovative Design
- Global Russian Academy of Modern TRIZ (Michael Orloff)
- TRIZ Master Leonard Vikentjev
- Education for a New Era
- TRIZ-Art school "TRIZ-CREATIVITY" (Roman Florescu)
- The official foundation of G.S. Altshuller
- Ideation International, Inc.
- GEN TRIZ
- ICG Training & Consulting
- National Engineering Research Center for Technological Innovation Method and tool (China)
- Systematic Innovation Inc.
- AULIVE
- TRIZ Power Tools
- The TRIZ Journal
- TRIZ Home Page in Japan
- Wikipedia
- MATRIZ (The International TRIZ Association)
- Altshuller Institute for TRIZ Studies
- ETRIA (The European TRIZ Association)
- TRIZ Summit / TDS
- MyTRIZ (Malaysia TRIZ Innovation Association)

Data from 4 countries (Japan, Malaysia, China; Russian language) and 2 top-down surveys (World, USA sites in English). Introductions of sites are mostly short and insufficient.

[5C] (C) World AROUND-TRIZ Sites Basic Index (◎○)

Obtained with ◎ 34, ○ 128, □ 13 sites

(C0) World AROUND-TRIZ Sites Top Index (◎)

Oct. 2, 2019 T. Nakagawa

- 12Manage
- PMI (Project Management Institute)
- Project Smart
- Value Based Management.net
- Free Management Library
- CFI (Corporate Finance Institute)
- ASQ (American Society of Quality)
- iSixSigma
- ipHandbook
- The official foundation of G.S. Altshuller
- Ideation International, Inc.
- ICG Training & Consulting
- GEN TRIZ
- Stanford d.school
- Harvard Business Review
- edX
- Systematic Innovation Inc
- AULIVE
- TRIZ Power Tools (OpenSourceTRIZ.com)
- ISO (International Organization for Standardization)
- ASME (The American Society of Mechanical Engineers)
- The TRIZ Journal
- TRIZ Home Page in Japan
- National Engineering Research Center for Technological Innovation Method and tool (China)
- TED (Ideas Worth Spreading)
- ASA (American Scientific Affiliation)
- Springer
- Science Direct
- Research Gate
- Amazon
- Wikipedia
- YouTube
- Slide Share
- LinkedIn

Data from 6 cases of Internet surveys (Creative thinking method, Problem solving, Quality/ cost/productivity, Innovation process/strategy, Patent, etc.)

Excerpts from top pages and About us pages are recorded for introduction of sites.

[6] Concluding Remarks

[6A] What is the crucial issue for the success of the WTSP project?

The WTSP project has been facing with the same difficulty from the beginning.

"Many people support the aims of the WTSP project,
but very few actually join and work together."
Because active TRIZ leaders are too busy to squeeze their time for WTSP.

In each country we need to have a Team and its Leader (WTSP Country Editor).

The Team leader should have the image of the goal (i.e., completed Catalogs), understand what to do and how to do in practice, be confident that the goal is reachable, and encourage and guide the Team members.

Team members and leaders should also be confident that their efforts are helpful for many people and fruitful for themselves as well.

The goals and processes of building the WTSP Catalogs have become much clearer and convincing, we believe.

Our Current Tasks: List up TRIZ related sites and describe introductions to them one by one in every country

Let's work Together ! Connected !!