

## “TRIZ Home Page in Japan” Updated (Aug. 5, 2019)

**World TRIZ Sites Catalog (Preliminary version) has been posted,  
containing 19 ☉ sites and 41 ○ sites.**

Aug. 21, 2019 Toru Nakagawa (OGU, WTSP Project Leader)

Dear TRIZ Leaders/colleagues,

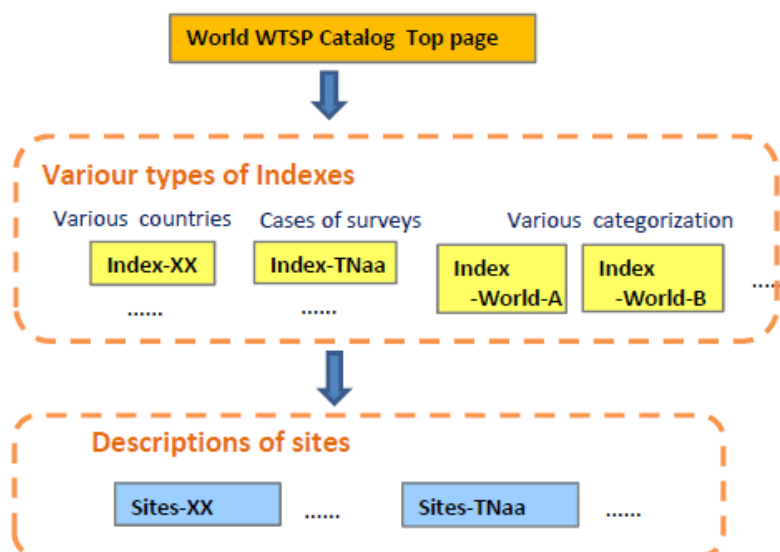
Since last Update Announcement on May 25, I have updated my Web site several times especially on the progress of the World TRIZ Sites Project (WTSP). Main topics are:

- (a) Practice Guide to Complete the World WTSP Catalogs (Jun. 2, Jun. 10, Jun. 14, Jul. 7, Jul. 13): In a simpler and more practical manner than the ‘WTSP Database system’ proposed on May 24.
- (b) Catalog data contributed by China, Malaysia, Japan, and Russian region (Jun. 23, Jul. 14, Aug. 4)
- (c) Internet surveys in wider scope around TRIZ (Jun. 23, Jul. 6)
- (d) New WTSP strategy to show preliminary versions of World WTSP Catalogs quickly without waiting for individual countries’ Catalogs (Jul. 14, Jul. 25)
- (e) Preliminary version of World WTSP Catalogs: Top page, World TRIZ Basic Index, Document structure (Aug. 4)
- (f) Plan of revised preliminary version of World WTSP Catalogs to be posted on Sept. 30 (Jul. 25).

In this announcement I will introduce you mainly the current state of the World WTSP Catalogs (e).

### [1] Top page of the World WTSP Catalogs

From the users view, the WTSP Catalogs are a system of Indexes and Sites descriptions, as shown in Fig. 1.



At the top page of the WTSP Catalogs, we have three types of Indexes:

Indexes of TRIZ-related sites in individual countries (Index-XX, etc.)

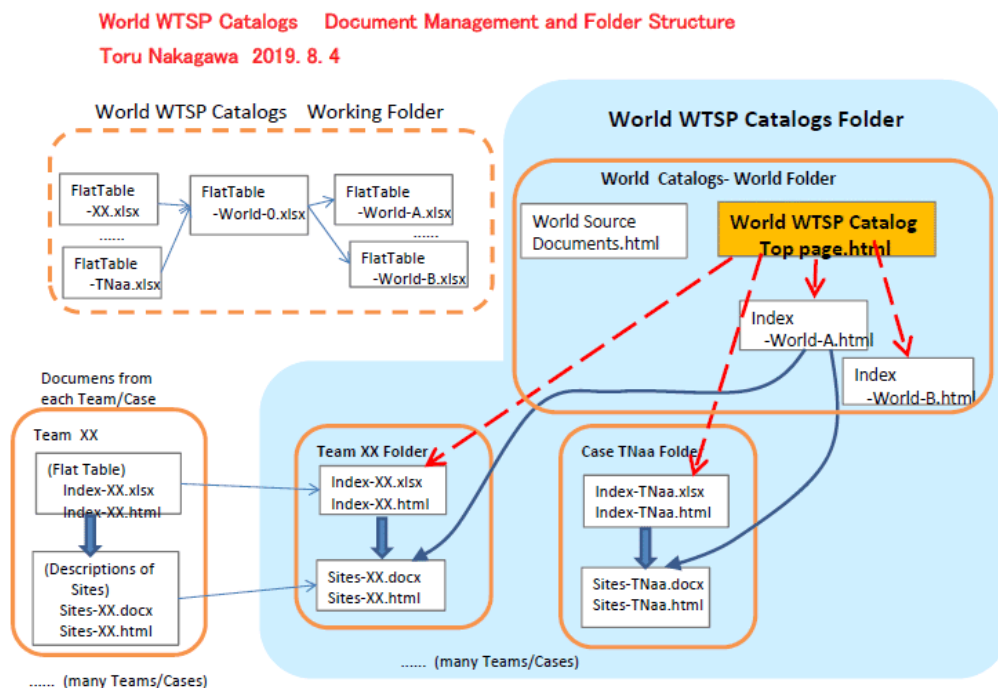
Indexes of TRIZ-related sites obtained with various cases of world Internet surveys (Index-TNaa, etc.)

Indexes of World TRIZ-related sites in various ways of categorization

Each Index is a set of tables of sites, where each site is described with Site code, Evaluation (© most important, ○ important, □ worthy in World Catalog, and △ worthy in Country Catalog), Site name, Site URL, Roles of site, Single line description, etc. By clicking the Site code, some more detailed description (of 3 to 10 lines) of the site will be displayed by accessing the Site Description files. All the Indexes commonly access to the pool of files of Description of sites. There are some more options to see individual files of Description of sites directly.

## [2] Document structure of World WTSP Catalogs

The document structure is shown in Fig. 2.



WTSP Teams of individual countries (XX), prepare the Index-XX file in .xlsx and Sites-XX file in .docx. Then they convert the files into .html and set hyperlinks of individual sites from the Site code in Index-XX to the anchor in front of the site description in Sites-XX. Thus the pair of .html files in a folder makes a small Web site of WTSP Catalog for the country XX.

Such manuscripts from individual countries are accepted in the World WTSP Catalogs folder after checking their consistency with the WTSP specifications. The Flat Table of sites (i.e., the essential part of the Index-XX.xlsx file) for all the countries and for all the survey cases are integrated into a big Flat Table. Then the sites in the big table are then categorized and rearranged in various ways to form a new Flat Table of world sites, which becomes a new Index (e.g., Index-World-A, etc.) after readjusting the hyperlinks.

This document structure has the merits that the documents prepared as Country WTSP Catalog by individual country teams are used in the World WTSP Catalogs without any modification and that we can build various World WTSP Indexes without touching any part of the Country Indexes and Site descriptions. These merits are important for us to handle a large number of documents from many countries and to update and improve the Catalog contents for many years in future.

This structure has achieved the concept of the former proposal of 'WTSP Database System' more simply, by allowing the operation of the big Flat Table using the manual hierarchical sorting with normal Excel operations.

### [3] World WTSP Catalogs: (A) World TRIZ Basic Index

In the present First Preliminary version (Aug. 4, 2019) of World WTSP Catalogs, we have built the Basic Index of World TRIZ sites with the sites evaluated as ☉ or ○.

The manuscripts are contributed by 4 countries/region and 2 survey results. They are:

China (by Runhua Tan):	☉ 1 site, ○ 1 site, □△ 14 sites
Malaysia (by Eng Hoo Tan):	☉ 1 site, ○ 0 site, □△ 15 sites
Japan (by Toru Nakagawa):	☉ 1 site, ○ 7 sites, □ 18 sites, △ 66 sites
In Russian language (by Michael Orloff):	☉ 9 sites, ○ 14 sites, □ 12 sites,
Case (2A) World in English (by Toru Nakagawa):	☉ 6 sites, ○ 13 sites, □ 29 sites, △ 33 sites
Case (2F) USA in English (by Toru Nakagawa):	☉ 6 sites, ○ 11 sites, □ 27 sites, △ 24 sites

(Note: there are a number of overlaps of sites among the cases/countries)

Only the TRIZ sites (excluding the sites around TRIZ) evaluated either ☉ (19 sites) or ○ (41 sites) are used in the (A) Basic Index of World TRIZ Sites. They are categorized and rearranged in their (main) Roles of site. I.e.,

- (a) Information sending sites (☉9, ○5),
- (b) Promotor organizations (☉4, ○4),
- (c) Public organizations (☉1, ○1),
- (d) Academia (0),
- (e) Developer organizations (☉2, ○9),  
(e5) Training organizations (☉2, ○7),
- (f) Publishing organizations (○6),
- (g) Information sharing (☉1, ○7),
- (h) User organizations (○2),
- (i) Personal (0)

The present preliminary version is based on such a limited range of manuscripts, we notice that many important and useful sites are missing. Nevertheless, we note that there are many TRIZ Web sites evaluated ☉ and ○ in various approaches and activities, and many of them are unfamiliar so far for most people. The World WTSP Catalogs will certainly expand our views of TRIZ activities in the world and open the possibility of mutual cooperation and reference among the sites and the people.

### [4] Near Future Plans of World WTSP Catalogs

We have a plan of revising the World WTSP Catalogs in the schedule:

Manuscripts due: Sept. 15, 2019,  
Posting in TRIZ Home Page in Japan: Sept. 30, 2019, and  
Presentation at ETRIA TFC 2019: Oct. 9-11, 2019.

We are going to build the following 4 types of World WTSP Indexes:

- (A) TRIZ Sites, Basic Index (◎○): Contributions from many countries are necessary.
- (B) TRIZ Sites, Extended Index (◎○□): Desirable
- (C) Around TRIZ Sites, Basic Index (◎○): Preliminary version will be made.
- (D) Around TRIZ Sites, Extended Index (◎○□): Will be made later

Our most important goal is make the (A) TRIZ Site, Basic Index (◎○) as good as possible. Forming WTSP Teams and making Country WTSP Catalogs at the ◎○ level or the ◎○□ level are urgently necessary.

First Edition of the World WTSP Catalogs (2019) will be completed with the Indexes (A)(B)(C)(D) :

Manuscripts due: Nov. 15, 2019;  
Completion/Posting: Dec. 10, 2019

Let's work Together ! Connected !!

Best wishes,  
Toru

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