

Oceanographic

Commission

Accessing Products on TSP Indonesia Web Site

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ICG Indian Ocean Tsunami Warning & Mitigation System Training Workshop August 2023

North-Western Indian Ocean Member States Training Workshops:

Review Standard Operating Procedures (SOPs) and Tsunami Service Provider (TSP) Products in Preparation for Exercise IOWave23

Outline



- TSP Indonesia Password-Protected Web
- WRS-TSP Indonesia
- Indonesia Tsunami Non-Tectonic (InaTNT) for Indian Ocean



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URL address:

https://rtsp.bmkg.go.id/

Can be accessed by any various web browser apps:



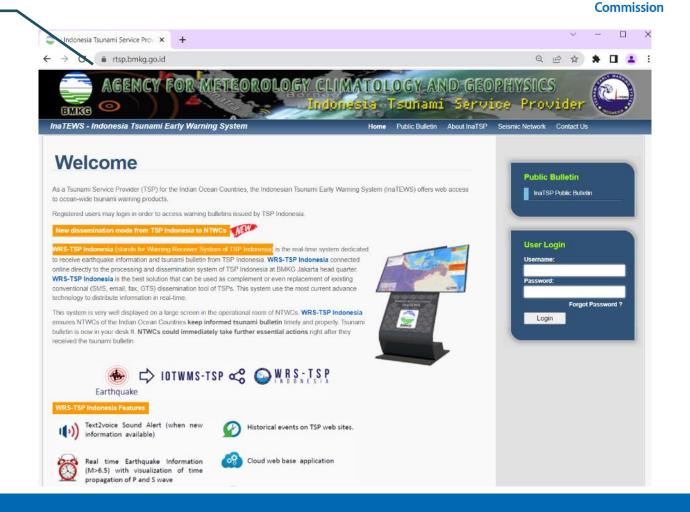
















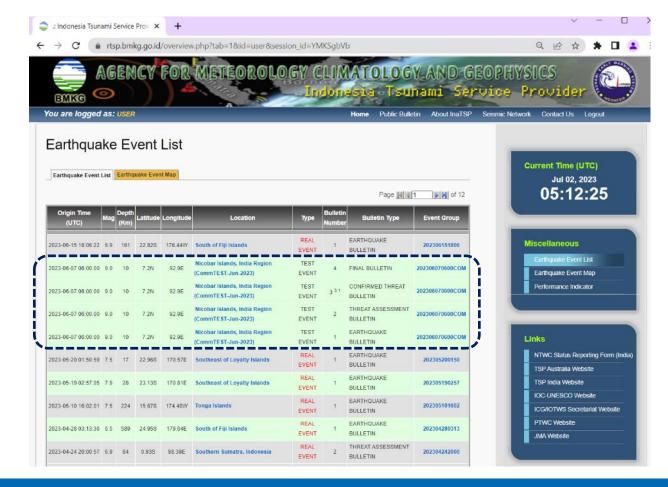


Exchange Products

TSP Exchange bulletins

- Type 1: Earthquake Bulletin
- Type 2: Threat Assessment Bulletin
 - No Threat Bulletin
 - Potential Threat Bulletin
- Type 3: Confirmed Threat Bulletin
- Type 4: Final Bulletin

The exchange bulletins issued for an event shall be sequentially numbered regardless of the bulletin type.





Exchange Products





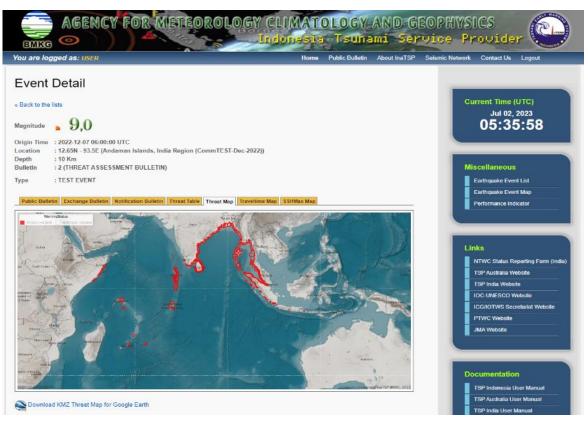
Exchange Bulletin Notification Message

Exchange Bulletin



Exchange Products

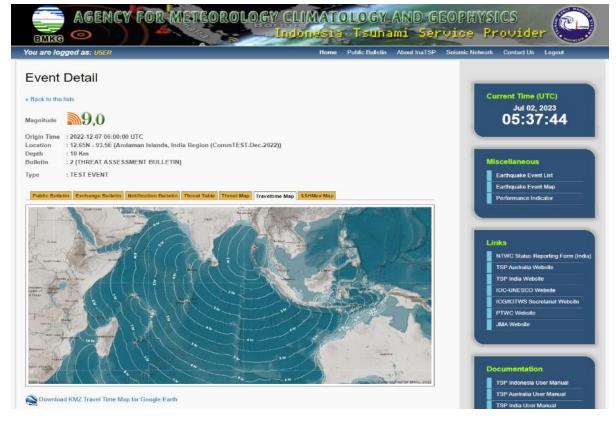


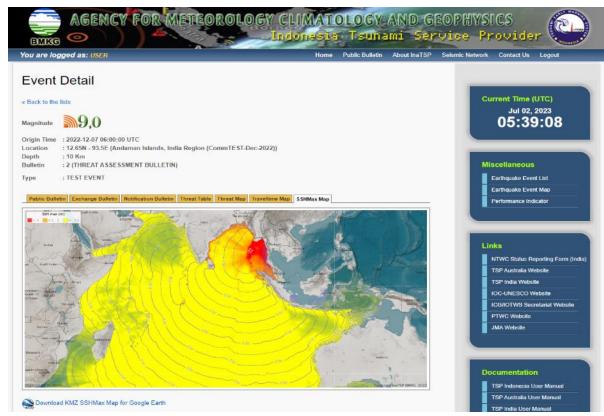


Threat Table Threat Map



Exchange Products





Travel Time Map

SSH Max Map

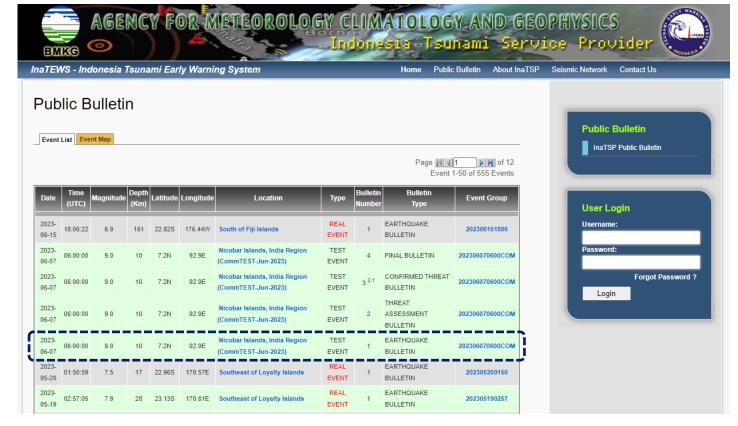


Public Products

TSP public bulletins are categorised into FOUR types, corresponding to the four types of Exchange bulletins:

- Type 1: Earthquake Bulletin
- Type 2: Threat Assessment Bulletin
 - No Threat Bulletin
 - Potential Threat Bulletin
- **Type 3**: Confirmed Threat Bulletin
- Type 4: Final Bulletin

The public bulletins issued for an event shall be sequentially numbered regardless of the bulletin type.

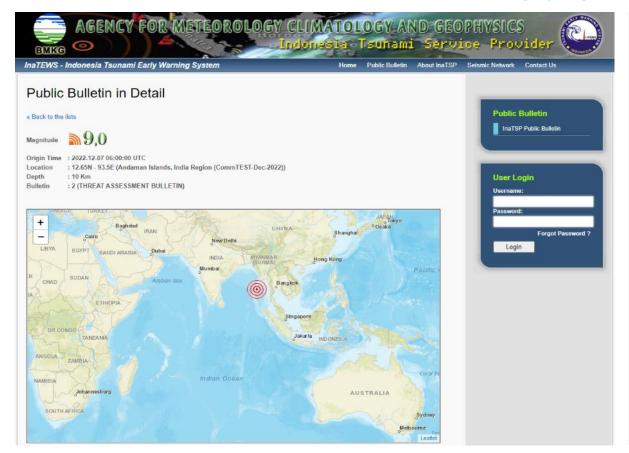


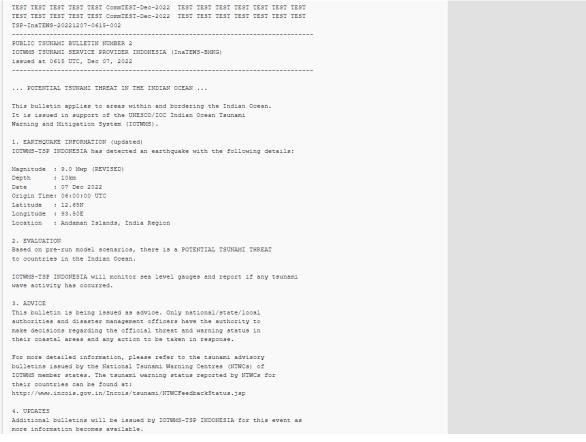
Public Bulletin Page



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Public Products





Public Bulletin Page



WRS-TSP Indonesia (stands for Warning Receiver System of TSP Indonesia) is the real-time system to receive tsunami bulletin using a recommended set of hardware such as a large or smart display. WRS-TSP connected online to the processing and dissemination system of TSP Indonesia at BMKG head quarter Jakarta.



WRS-TSP Indonesia User Guide:

https://oceanexpert.org/document/30448

https://rtsp.bmkg.go.id/manual/Short-guide-wrstsp-indonesia.pdf





FEATURES WRS-TSP



Text2voice Sound Alert (when new information available)



Historical events on TSP web sites.



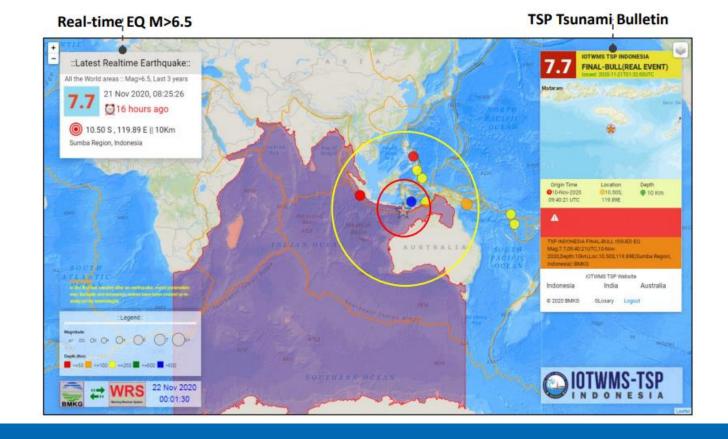
Real time Earthquake Information (M>6.5) with visualization of time propagation of P and S wave



TSP Tsunami Bulletin with popup window



Cloud web base application



Example Bulletins (in Pop-Up Window)













How to access?



NTWCs provide internet connection



NTWCs provide common **PC Client** with sound card or active speaker, connect monitor PC to (preferred) large screen (display system). Please make sure that **you enable** or allow audio and video setting in your internet browser.



Through PC browser (firefox, chrome) open WRS-TSP Indonesia url :

https://inatews.bmkg.go.id/wrs/tsp/index.html





Recommended web browser apps:





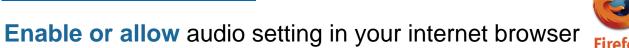


Enable or allow audio setting in your internet browser

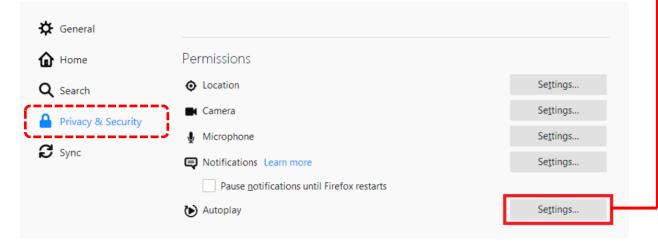


Change your default Sound permissions on your computer To let sites play sound when you visit them: Settings Q Search settings 1. Open Chrome O. Sites can use Javascript You and Google 2. At the top right, click More : > Settings. Autofill and passwords Sites can show images 3. Click Privacy and security > Site Settings > Sound. — Privacy and security Pop-ups and redirects 4. Select the option you want as your default setting. Performance Don't allow sites to send pop-ups or use redirects Appearance Additional content settings Search engine Default browser On startup Ads are blocked on sites known to show intrusive or misleading ads Default behavior anguages Sites automatically follow this setting when you visit them Zoom levels Downloads Sites can play sound Accessibility DDF doorsont Don't allow sites to play sound Features that need sound won't work

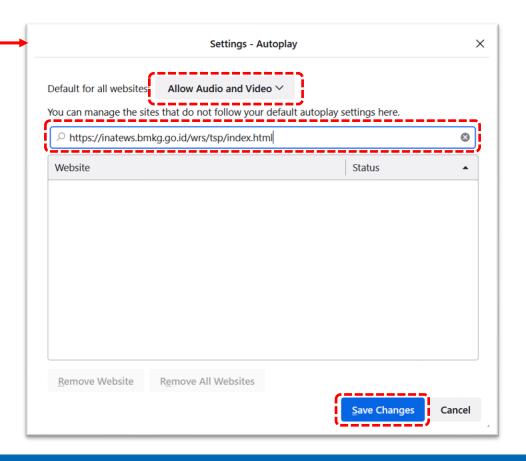




- 1. Click the menu button ≡ and select Settings.
- 2. Select the **Privacy & Security** panel and go down to the *Permissions* section (or enter **autoplay** in the *Find in Settings* search box).



3. Click the **Settings...** button next to *Autoplay*.

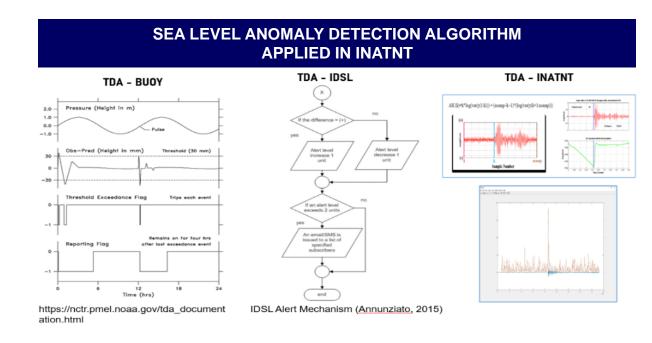


Indonesia Tsunami Non-Tectonic (InaTNT) for Indian Ocean



InaTNT is an integrated system that **detects sea level change anomalies that indicate a tsunami is recorded by sea level observation data** from internal (BMKG, BIG, BRIN (formerly BPPT), KKP) and external resources. The presence of InaTNT will improve the performance of the InaTEWS System in detecting tsunamis caused by tectonic and non-tectonic sources.

Integrate sea level observation data from internal and external resources/stakeholders internal into a single integrated system and display To provide sea level anomaly automatic detection facility through mareogram data as heads up for the operator To provide supporting system and SOP for Non Tectonic Tsunami Warning System.



Indonesia Tsunami Non-Tectonic (InaTNT) for Indian Ocean



How to access?

URL address:

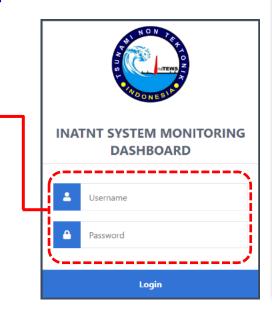
https://inatnt.bmkg.go.id

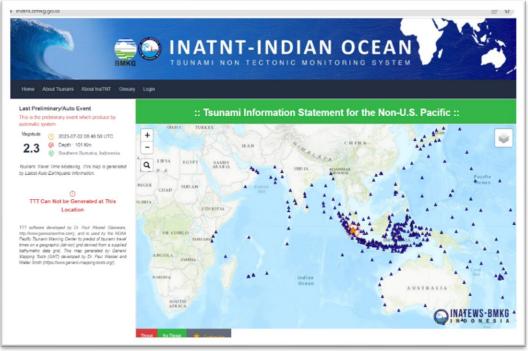
The user name and password are equal with the user name and password for accessing TSP Indonesia password protected web

Recommended web browser apps:











THANK YOU