

# Website Security Policy of Ministry of Natural Resources and Environment

Composed on 01<sup>st</sup> July 2018

## Measures and approaches for maintaining security of MNRE website

Ministry of Natural Resources and Environment (MNRE) recognizes importance of keeping security of MNRE website in order to protect data of our users from being destroyed or attacked by malicious persons or those who have no rights to access the data. Therefore, we have set measures for maintaining security of the website by using highly advanced encryption technology called Secure Socket Layer (SSL) with such important data. SSL is a cryptographic protocol that provides communication security over the Internet. With SSL, the secured data is encrypted at the level of 128 bits (128-bits Encryption). When making any transactions via the network of MNRE website, your data is always encrypted. This approach can prevent hackers who catch your data, when being transmitted between your computer and our web server, from using them because they have no keys to decrypt the data.

## Additional technologies applied for data security

Besides the general measures and approaches for data security as mentioned above, MNRE website also applies these following advanced technologies for protecting your personal information.

- Firewall. We have robust firewalls, both hardware-based and software-based, to protect security of computer systems. The firewalls will allow only responsible officers or persons authorized by the website to access data through them.

- Antivirus software. All computers in the MNRE's network have been installed with high-efficiency antivirus software. The virus signature database is also regularly updated. In addition, MNRE has installed special antivirus software on our servers.

- Cookies. A cookie is a small computer file that stores essential temporary data in the user's computer for convenience and speed in data communication. However, MNRE recognizes importance of privacy of our customers. Thus we try to avoid using cookies and use them only with necessity. Please be assured that MNRE has taken prudent consideration for security of your private information.

- Auto Log off. When using services in any websites, it is recommended that you should always log off after finished with the service. However, for MNRE website, in a case that you forget to log off, our system will automatically log you off within specific time of each service. This auto logoff feature is employed for security of our users.

## Recommendations about data security protection

Although MNRE website uses high technologies and rigorous approaches for protecting security of your data from unauthorized persons as mentioned above, you should keep in mind that no security technologies of these days can guarantee 100% security of data transmitted via the internet. Therefore, we

would like to recommend you to perform these following approaches in order to further ensure security of your own data.

- Be careful when downloading programs or applications from the internet. You should always check and verify the website's URL address before logging in. Some evil persons may lure you to give them your personal information on their fake website.

- Your computer should have antivirus software installed. Importantly, you should regularly update signature database of the antivirus software in your computer to make sure that it is up-to-date and capable to protect your data from recent viruses.

- You should also install personal firewall software on your computer to protect it from attacks of malicious persons like crackers or hackers.