

YouTube files by Nakamoto and other references on Ecological Purification System

Japan Video Topics 2021

No.1 5 min



Clean water for all

<https://www.youtube.com/watch?v=ki8Qyb2IZ10>



日本語

世界の水を
きれいに



ポルトガル語

Água Limpa
para Todos



中国語

创造洁净水源—
日本的净水技术



フランス語

De l'eau propre
pour tout le monde



スペイン語

Agua limpia
para todos



アラビア語

المياه النظيفة للجميع



No.2-1 3 min

[JICA-Net Library] Slow sand

filtration: creating clean, safe water (Digest)

https://www.youtube.com/watch?v=Lh4jGIO1_rw

No.2-2 25 min

[JICA-Net Library] Slow sand

filtration: creating clean, safe

water(Full ver)



https://www.youtube.com/watch?v=V6_uDZE_l8E

Ecological Purification System
- Quest for Safe and Delicious Tap Water

New Concept and New Name
of Slow Sand Filtration

Chair of Community Water Supply
Support Center of Japan
Professor Emeritus of Saitama University,
Dr. Nakamoto Nobuhisa NAKAMOTO

No.2-3 45 slides

[JICA-Net Library] Slow sand

filtration: creating clean, safe water

<https://jica-net->

library.jica.go.jp/lib2/08PRDM007/pdf/reference01-

eng.pdf



No.3-1 1 min

Someya Study EPS site, Ueda, Japan view only

<https://www.youtube.com/watch?v=b7wPQIKVIMY>



No.3-2 5 min

Main study site of Someya WTP, Ueda, Japan

<https://www.youtube.com/watch?v=0KZq3dpORps&t=11s>



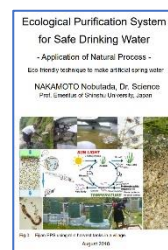
No.4 80 pages

English EPS

Manual 2019

by Nakamoto

<http://www.cwsc.or.jp/files/pdf/EPStext-NC-2019.pdf>



No.5 8 min

Global Eco-Technology 2005

Slow Sand Filtration Technology Focusing on Algal
Production

<https://www.youtube.com/watch?v=Xf2HOJ7y7c8&t=8s>



No.6 10 min

EPS JICA training in Okinawa 2010

<https://www.youtube.com/watch?v=z46cQgkR2tg&t=1s>





No.7 3 min

EPS JICA training in Hiroshima 2018

[https://www.youtube.com/watch?v=08UfEC4-](https://www.youtube.com/watch?v=08UfEC4-Cik&t=9s)

Cik&t=9s



No.8 5 min

Daniel EPS video Hiroshima

[https://www.youtube.com/watch?v=Ye-](https://www.youtube.com/watch?v=Ye-POV6qBU0&t=39s)

POV6qBU0&t=39s



No.9 5 min

Rapunatura and EPS

<https://www.youtube.com/watch?v=KIEi7ksb4Tk>



No.10 9min

Sri Lank SSF trip

[https://www.youtube.com/watch?v=Pp2h8N5Xbs8&t=](https://www.youtube.com/watch?v=Pp2h8N5Xbs8&t=4s)

4s

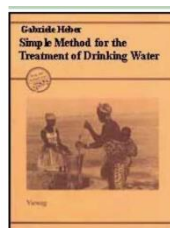


No.11

WHO published a manual of

Slow Sand Filtration in 1974 (Huisman and Wood).

https://www.who.int/water_sanitation_health/publications/ssf9241540370.pdf



No.12

Gabriele Heber

1985: Simple

Methods for the

Treatment of Drinking Water

[http://www.nzdl.org/cgi-bin/library?e=d-00000-00---](http://www.nzdl.org/cgi-bin/library?e=d-00000-00---off-0hdl-00-0---0-10-0---0---0direct-10---4-----0-0l--11-en-50---20-help---00-0-1-00-0--4---0-0-11-10-0utfZz-8-10&cl=CL1.16&d=HASH175e57dd8f453120fc2d5d.1>=2)

off-0hdl-00-0---0-10-0---0---0direct-10---4-----0-0l--

11-en-50---20-help---00-0-1-00-0--4---0-0-11-10-

OutfZz-8-

10&cl=CL1.16&d=HASH175e57dd8f453120fc2d5d.1

>2



No.13 3 min

2013 Open workshop of EPS Fiji

<https://www.youtube.com/watch?v=kbCaSAACQZ0>



No.14 3min

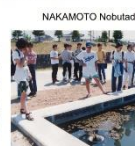
2013 Tap Open ceremony

village Fiji

<https://www.youtube.com/watch?v=SVuR44Xwu7s>

International Contribution Award of the 21st Japan Water Awards, June, 2019
Safe Drinking Water by Ecological Purification System

1. To safe purification process without chemicals
Tap water in Uda City, Nagano Prefecture, has been supplied by slow sand filtration since 1903. When the Nagadaira reservoir was constructed in 1961, upstream of the reservoir, tap water in Uda City became odor problem. At that time, alginate was added to the water pond and the filter pond to prevent the odor of tap water and clog the filter pond.
"To be the water safe to drink" warning (Fig. 1) was issued in 1974. Rapid sand filter using chemicals has a high water rate for the on-site water treatment. People has recognized the use of chemicals. IS THE WATER SAFE TO DRINK?

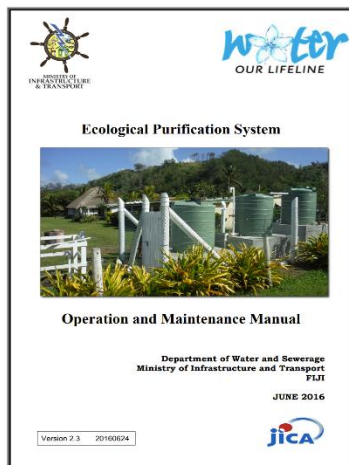


No.15

International Contribution

Award of the 21st Japan Water Awards, June, 2019

[http://www.cwsc.or.jp/files/pdf/Document_Int.Contribution_Award_21stJapan_Water_Awards\(EN\).pdf](http://www.cwsc.or.jp/files/pdf/Document_Int.Contribution_Award_21stJapan_Water_Awards(EN).pdf)



No.18 7 min

EPS Fiji Workshop 2019 on 12-13 in March for safe water at University of the South Pacific was held in Suva, Fiji.

<https://www.youtube.com/watch?v=vji0ay-7GA8>



No.19 4 min

Ceremony of Portuguese text in 2009

<https://www.youtube.com/watch?v=tViUtGs6y8w&t=128s>



No.20

Portuguese text

<http://www.cwsc.or.jp/files/pdf/english/TratamentoEcológicoTextoFinalAbril080428.pdf>

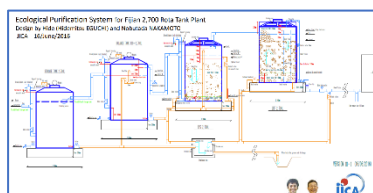
Listed by N. Nakamoto on Oct. 31. 2021.

cwscnkmt@yahoo.co.jp

No.16

Fiji operation and maintenance manual 2016

<http://www.cwsc.or.jp/files/pdf/Fiji/160614-Eng-Fiji-EPS-Manual.pdf>



No.17

Construction Guide for

Ecological Purification System for Fijian 2,700 Liters Rota Tank Plant

<http://www.cwsc.or.jp/files/pdf/Fiji/Fiji%20EPS%202016%20tank300-2700CAD-Design.pdf>



Slow Sand Filter

EPS from Japan to the World

Remember Three Steps

1. Knowing is NOT enough, we must APPLY it to something useful.
2. Willingness is NOT enough, we must PUT it into the PLAN and ACTION.
3. Putting the PLAN into action is NOT enough, we must ACCOMPLISH the goals.



Global Eco-Technology



Nigeria

This is our smart technology.

Trust Our Sense !



Super clean delicious water