

## Institute of Water Policy Virtual Seminars September 2020



### Digital Nudging for Water Conservation

**Dr. Maki Nakajima**  
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**Date & Time:**

Monday  
14 September 2020,  
11:00am - 12:15pm

**Venue:**

Virtual Webinar via  
Zoom. Registrants will  
receive an email with  
a link to join the  
webinar on Zoom a  
day before the event.

Nudging is a popular tool of co-production used by governments worldwide. However, little is known about nudging as a tool of co-production. To drive water efficiency within households, PUB has introduced new water conservation programmes.

One such programme is the AMR trial. An AMR-enabled water meter registers and transmits hourly water consumption data to PUB. We report on the results of the first field experiment on the effects of digital nudging to encourage household water conservation in Singapore.

[Find Out More](#)



### Effect of the Home Improvement Programme on residential water consumption in Singapore

**Dr Fan Mingxuan**  
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**Date & Time:**

Monday  
28 September 2020,  
11:00am - 12:15pm

**Venue:**

Virtual Webinar via  
Zoom. Registrants will  
receive an email with  
a link to join the  
webinar on Zoom a  
day before the event.

Water efficient appliances play an important role in water conservation. In this paper, we study a nation-wide program, the Home Improvement Programme (HIP) with an optional upgrade of bathrooms, to provide insights on the effect of efficiency improving programs on residential water consumption.

We study the evolution of the treatment effect and the heterogeneous effect by housing characteristics and mean consumption quartiles. We also investigate how the effect of water efficient appliances interacts with extreme environmental conditions, such as excessive heat, rainfall, and air pollution.

[Find Out More](#)

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