

WATER CANADA

INNOVATION 150

Canada's Water Brand
on the Global Stage

Artificial
Intelligence

Water Industry
Market Trends

Axworthy
on Canada's
Global Position

INSIDE:
water's next
awards 2017
WINNERS!

water's next awards 2017

SPECIAL FEATURE

Water Canada proudly profiles the twelve Water's Next 2017 winners.

PAGE 21

WATER RESOURCES

16 Health Check

Years of research lay bare the need for a national freshwater monitoring system.

BY **ELIZABETH HENDRIKS**

WASTEWATER

18 Turning Brown Into Green

Wastewater treatment plants—part of the climate problem or part of the solution?

BY **DIANNE SAXE**

FEATURES

10 Artful Response

Imbedding art in watershed management.

BY **TRISTAN SIMPSON**



10



16



18



35



42

12 Canadian Water 150

A vision for Canada as a leader on the global water stage.

BY **R.W. SANDFORD**

COLUMNS

8 Groundbreakers

How artificial intelligence will transform the water industry.

BY **AHMED BADRUDDIN**

34 Rules & Regs

How to integrate innovation in water and wastewater infrastructure.

BY **ROBERT HALLER**

35 Ask the Expert

Top four trends to transform the industry

BY **KATHERINE BALPATAKY**

42 H2Opinion

Water, Peace, Security.

BY **THOMAS S. AXWORTHY**

DEPARTMENTS

5 Editor's Note

A Smart and Caring Nation

6 Front

A groundbreaking grain and futuristic story.

36 People & Events

Jobs, awards, contracts, and the latest event coverage.