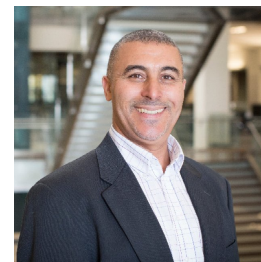


NorEddine Ghaffour
Professor
Environmental Science and Engineering
Biological, Environmental Sciences and Engineering
Water Desalination & Reuse Center



Qualifications

Membrane Separation Technology, Ph.D., Université de Montpellier
1995

Award Date: Jan 1 1995

Process Engineering, M.S., Université de Montpellier
1992

Award Date: Jan 1 1992

Mechanical Engineering and Energy, B.S., M'Hamed Bougara University of Boumerdes
1991

Award Date: Jan 1 1991

2003 → 2010 Senior R&D and Capacity Building Project Manager, Middle East Desalination Research Center (MEDRC), Oman

2002 → 2003 Engineer-Consultant and Trainer, FiltraTech, France

1998 → 2002 Assistant Professor, Jeddah College of Technology, Saudi Arabia

1995 → 1998 R&D Engineer/Post-Doc Researcher, University of Montpellier, France

Employment

Professor, Environmental Science and Engineering

Professor

Environmental Science and Engineering

King Abdullah University of Science and Technology

Saudi Arabia

Aug 1 2018 → present

Biological, Environmental Sciences and Engineering

King Abdullah University of Science and Technology

Saudi Arabia

Jan 1 2015 → present

Water Desalination & Reuse Center

King Abdullah University of Science and Technology

Saudi Arabia

Jan 1 2015 → present

Research outputs

Optimizing electrocoagulation pre-treatment efficiency during simultaneous treatment of different produced water streams in a FO-MD hybrid system

Saqib Nawaz, M., Alqulayti, A., Torres Serrano, V. M., Soukane, S., Gudideni, V., Al-Qahtani, A., Yan, I. C. & Ghaffour, N., May 25 2024, In: Separation and Purification Technology. 336, 126290.

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Data on Environmental Impact Discussed by Researchers at King Abdullah University of Science and Technology (KAUST) (Advanced Coagulation With Liquid Ferrate As Swro Desalination Pretreatment During Severe Algal Bloom. Process Performance, ...)

Mohammed Awad, Luca Fortunato & NorEddine Ghaffour

12/30/22

1 item of Media coverage

Data on Membrane Research Reported by Researchers at King Abdullah University of Science and Technology (KAUST) (A Fouling Comparison Study of Algal, Bacterial and Humic Organic Matters in Seawater Desalination Pretreatment Using Ceramic UF ...)

NorEddine Ghaffour

03/14/23

1 item of Media coverage

Dubai hosts 15th International Conference on Challenges in Environmental Science & Engineering

NorEddine Ghaffour

12/24/22

3 items of Media coverage

Dubai hosts the 15th International Conference on Challenges in Environmental Science and Engineering 2022 for the first time in the Middle East

NorEddine Ghaffour

12/26/22

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12/24/22

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Findings on Networks Reported by Investigators at King Abdullah University of Science and Technology (KAUST) (A Deep Neural Networks Framework for In-situ Biofilm Thickness Detection and Hydrodynamics Tracing for Filtration Systems)

Johannes Vrouwenvelder, NorEddine Ghaffour, Xiangliang Zhang, Najat Amin, Sarah Kerdi & Adnan Abedalqader Qamar

11/18/22

1 item of Media coverage

Investigators from King Abdullah University of Science and Technology (KAUST) Have Reported New Data on Machine Learning (Machine Learning and Computational Approaches for Designing Membrane Distillation Modules)

NorEddine Ghaffour, Sarah Kerdi & Adnan Abedalqader Qamar

11/17/23

1 item of Media coverage

King Abdullah University of Science and Technology (KAUST) Researchers Have Provided New Data on Water Supply (Selected physical and chemical cleanings remove biofilm in seawater membrane distillation without causing pore wetting)

NorEddine Ghaffour, Johannes Vrouwenvelder, Graciela Gonzalez Gil, Alla Alpatova, Nadia Farhat, Bastiaan Blankert, Harun Elcik & Najat Amin

09/22/23

1 item of Media coverage

Making more water from the sea, but at what cost?

NorEddine Ghaffour

10/27/19

1 item of Media coverage

More water can be produced in the world from seawater, but at what cost?

NorEddine Ghaffour & Muhammad Shahzad

10/24/19

1 item of Media coverage

New Findings on Renewable Energy from King Abdullah University of Science and Technology (KAUST) Summarized (Renewable Energy-driven Membrane Distillation In the Context of Life Cycle Assessment)

NorEddine Ghaffour & Sofiane Soukane
03/4/24
1 item of Media coverage

Red Sea Development selects leading desalination proposals

NorEddine Ghaffour
11/15/19
2 items of Media coverage

Saudi Arabia Offers Lessons on Hurdles to Fresh Water

NorEddine Ghaffour & Muhammad Shahzad
10/23/19
1 item of Media coverage

Take salt out of the water

NorEddine Ghaffour
11/9/19
1 item of Media coverage

The world can make more water from the sea

NorEddine Ghaffour & Muhammad Shahzad
10/23/19
1 item of Media coverage

The world can make more water from the sea - but at what cost?

NorEddine Ghaffour & Muhammad Shahzad
10/22/19
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The world can make more water from the sea, but at what cost?

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10/22/19

1 item of Media coverage

TRSDC and KAUST announce Brains for Brine winners

NorEddine Ghaffour

11/27/19

1 item of Media coverage

TRSDC and Kaust pick winners of Brains for Brine Challenge

NorEddine Ghaffour

11/14/19

1 item of Media coverage

TRSDC and Kaust pick winners of Brains for Brine Challenge

NorEddine Ghaffour

11/14/19

2 items of Media coverage

United Arab Emirates : Dubai hosts the 15th International Conference on Challenges in Environmental Science and Engineering 2022 for the first time in the Middle East

NorEddine Ghaffour

12/24/22 → 12/26/22

3 items of Media coverage

US Patent Issued to KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY on Aug. 10 for "Compact high-throughput device for water treatment" (Saudi Arabia Inventors)

NorEddine Ghaffour

08/11/21

1 item of Media coverage

US Patent Issued to KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY on Jan. 25 for "Method for hybridized desalination system using membrane distillation and adsorption desalination cycles" (Saudi Arabia, Pakistani Inventors)

Kim NG, NorEddine Ghaffour & Muhammad Shahzad

01/26/22

1 item of Media coverage

US Patent Issued to KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY on March 1 for "Periodic mesoporous organosilica-doped nanocomposite membranes and systems including same" (Saudi Arabia Inventors)

Niveen M. Khashab & NorEddine Ghaffour

03/2/22

1 item of Media coverage

US Patent Issued to KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY on May 10 for "Fouling resistant membrane spacers" (Saudi Arabia Inventors)

NorEddine Ghaffour & Adnan Abedalqader Qamar

05/11/22

1 item of Media coverage

US Patent Issued to KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY on Oct. 11 for "Multi-stage flash (MSF) reversal system and method" (Saudi Arabia Inventors)

NorEddine Ghaffour

10/12/22

1 item of Media coverage

Courses

EnSE 225 Water Desalination

08/28/10 → ...

EnSE 325 Water Desalination

09/3/11 → ...