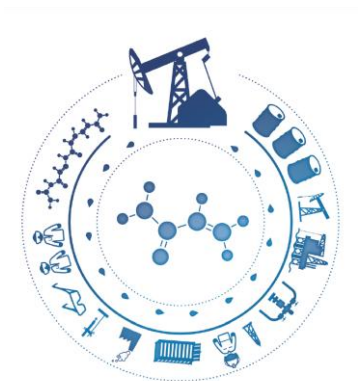


EOR Training & Strategic Support

Polymer Flooding, Conformance & Water Shut-Off Solutions

Antoine THOMAS

antoinethom@eppok.org / admin@polymer-flooding.com



Your challenges – Our mission

Water cut rising? Pilot stalled? Teams unsure how to move forward?

You're not alone. Most operators struggle with conformance and polymer strategies in complex fields.

That's where we come in — with experience, clarity, and practical tools to support your decision-making.



What we offer - 3 services

Service	Goal	Format	Fee
Technical Audit	Diagnose & design EOR strategy	2–5 days + report	€4,000–9,000
Enterprise Training	Build internal capacity	1 day or hybrid	€1,500–4,000
Project Mentoring	Strategic guidance	5–15h/month	€1,500–3,000/month

Why work with us

- ✓ 15+ years in CEOR (SNF, global missions)
- ✓ 10+ polymer projects designed
- ✓ Track record in Kazakhstan, Russia, Argentina...
- ✓ Blend of tech, field, science, and human skills
- ✓ Trusted by CAPSA, MOL, ONGC, PanAmerican...

What you get – Outcomes

- A clear strategy to move forward
- Smarter use of your internal data & teams
- Fewer mistakes, faster implementation, better performance



Formats & delivery

- Online (Teams, Zoom)
- On-site (worldwide)
- English or French
- Customizable based on your needs
- *Bonus : access to online academy content for your team*

Deliverables

How to start

- Contact me
- We schedule a 30-min discovery call
- You receive a tailored proposal
- We deliver value within 10 days

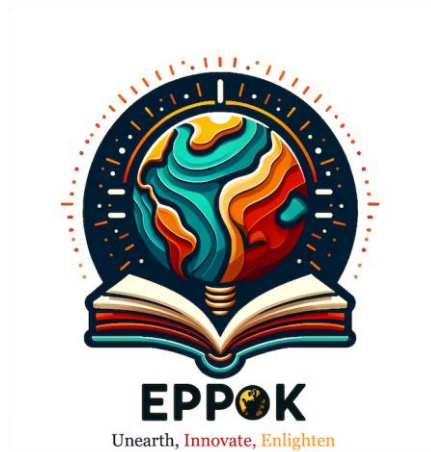


Contact us!

Antoine THOMAS – CEO

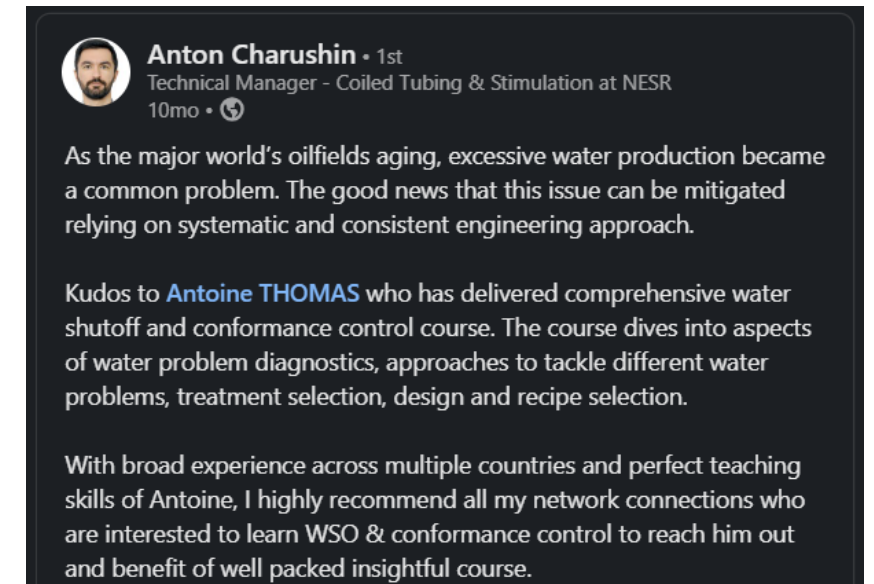
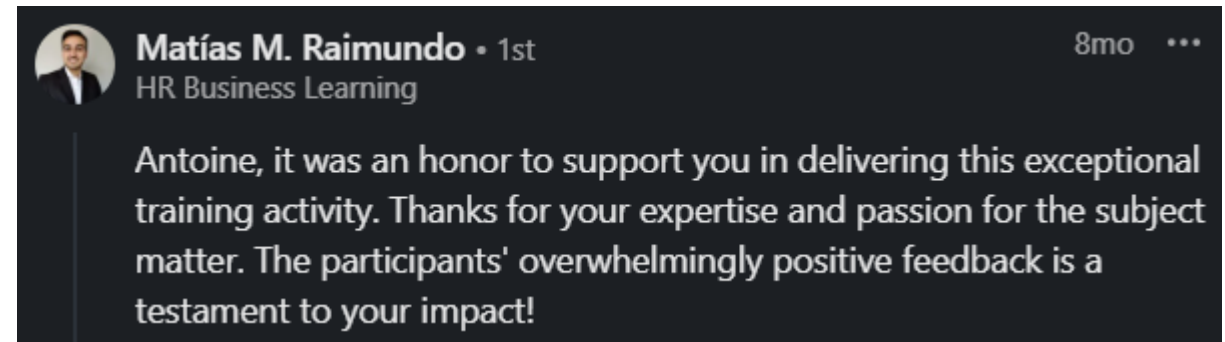
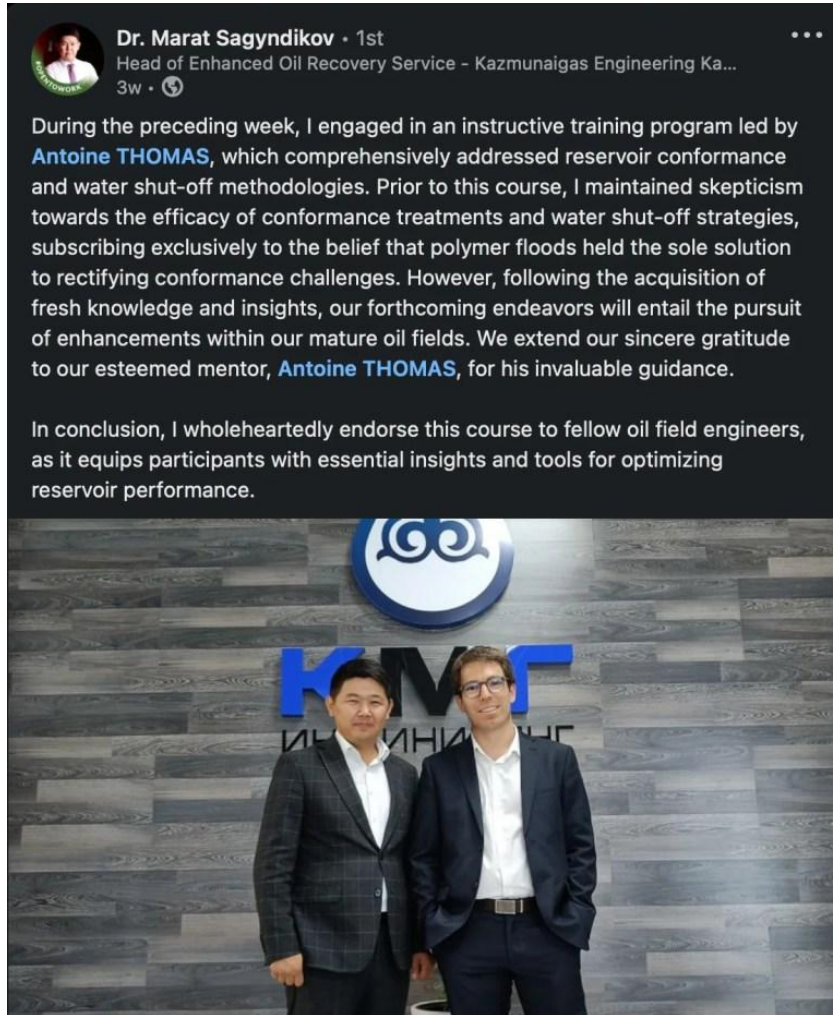
antoinethom@eppok.org

admin@polymer-flooding.com



Reviews on training

Pan American
ENERGY



Testimonials

Antoine is a well-renowned business development manager who has always believed in the significant potential of chemical EOR technologies. Besides delivering outstanding results in the global business environment as an efficient negotiator, Antoine has also proven to be a visionary who is able to deeply discover client needs and find the best solution for their industrial challenges.

Antoine possesses a unique combination of all the skills and knowledge of a business manager and a reservoir engineer, which – combined with his talent and extraordinary global experience – makes his courses or interventions valuable and enjoyable pieces of work for everyone involved in the international innovation ecosystem.

Jozsef Goldfarth – Managing Director MVM Upstream

Testimonials

I had a great chance to work with Antoine during the implementation of the polymer flooding pilot in Russia. He is an expert in chemical EOR, especially in polymer flooding. His deep knowledge of theoretical fundamentals is supplemented by worldwide practical experience, which in combination brings high value. Moreover, Antoine is in touch with the global engineering society and keeps up to date latest updates and shares it with a great will. He is a very open-minded, trustworthy, reliable person, and is always willing to help. I would recommend everyone to work and deal with Antoine!

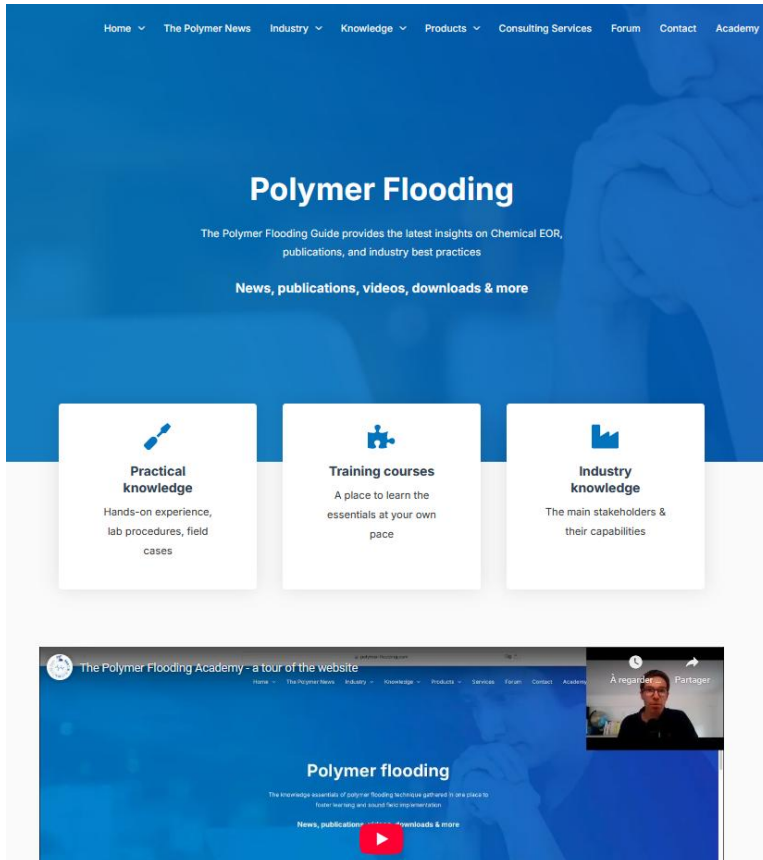
Dr. Ilnur Ilyasov, ADNOC

Some of our customers



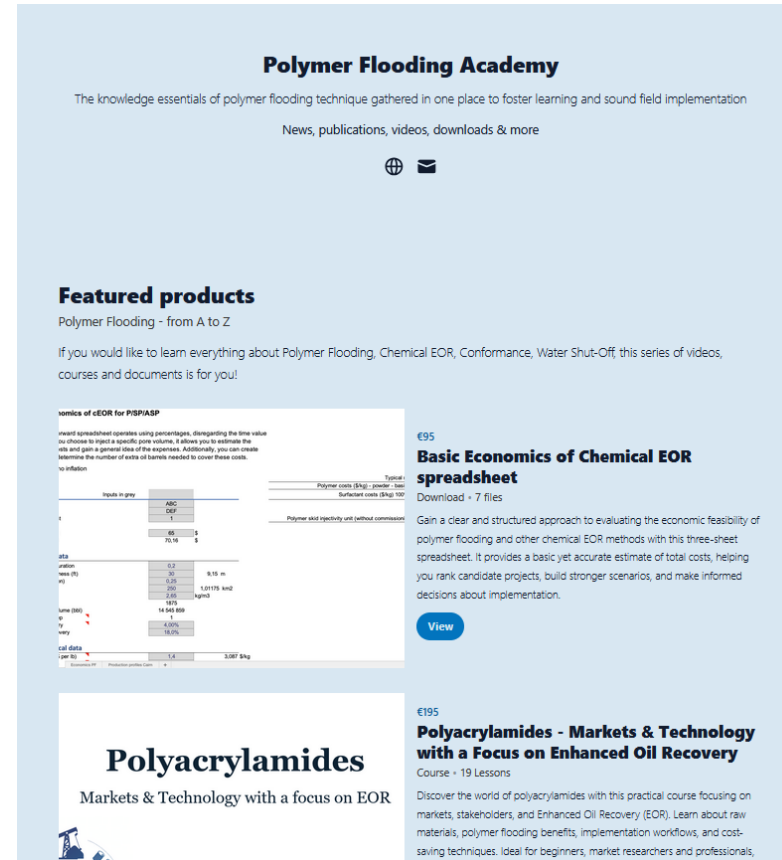
On the web: training courses & more!

Website: [Polymer Flooding](https://polymer-flooding.com/)



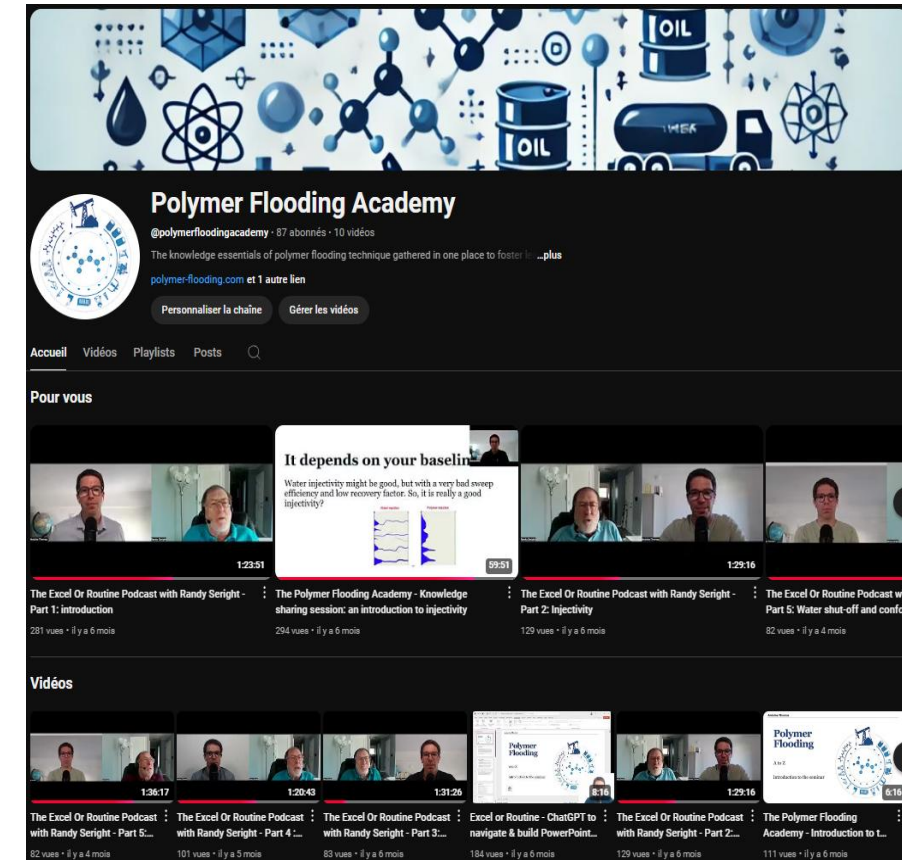
<https://polymer-flooding.com/>

[Polymer Flooding Academy \(courses & more\)](https://academy.polymer-flooding.com/)



<https://academy.polymer-flooding.com/>

YouTube channel: podcasts & more



<https://www.youtube.com/@polymerfloodingacademy>

Training course – polymer flooding

- **Chapter 1:** Introduction – the rising relevance of EOR
- **Chapter 2:** Oil recovery mechanisms – a reminder
- **Chapter 3:** Polymer Flooding – practical overview and benefits
- **Chapter 4:** Polymer Flooding – the mechanisms
- **Chapter 5:** Applicability
- **Chapter 6:** Essential Know-Hows
- **Chapter 6:** Field and reservoir screening
- **Chapter 8:** Laboratory testing
- **Chapter 9:** Simulation
- **Chapter 10:** Facilities & QC
- **Chapter 11:** Monitoring
- **Chapter 12:** Reservoir responses
- **Chapter 13:** Basic economics
- **Chapter 14:** Water treatment and production challenges
- **Chapter 15:** Field cases

In-person/remote

2 days for basics

3-4 days for advanced + work on your data

Training course – Water shutoff & conformance

- **Chapter 1:** Introduction
- **Chapter 2:** Definitions & Reservoir
- **Chapter 3:** Strategy to Attack Excess Water
- **Chapter 4:** Problems
- **Chapter 5:** Flow Regime
- **Chapter 6:** Technologies
 - Gels
 - RPM / DPR
 - PPG
 - Microgels and Nanogels
- **Chapter 7:** Placement of Gels
- **Chapter 8:** Gel in Fractures
- **Chapter 9:** Field Implementation & Case Studies
- **Chapter 10:** Summary Overall

In-person/remote

1 day for basics

2-3 days for advanced + work on your data

Publications (1/3)

- Thomas A., Breaking the Mold: Reassessing Polymer Flooding and the Outdated 'Primary, Secondary, Tertiary' Model. To be published at EAGE IOR+, Edinburg, April 2025.
- **Thomas A.** Tnacheri N., Lhommet L., Raina S., Mattu L., 2023. Accelerating exploration for hydrocarbons using a novel. 14th biannual SPG conference and exhibition, Kochi, India. November 3rd.
- **Thomas A.** Revisiting Polymer Selection Workflow for Chemical Enhanced Oil Recovery, 2023. [IOR+ 2023](#), Oct 2023, Volume 2023, p.1 – 32, The Hague, The Netherlands, October 1st. <https://doi.org/10.3997/2214-4609.202331012>
- **Thomas A.**, Lhommet L., 2023. How good is your seismic? A genetic algorithm to kickstart evaluation of CCS candidates. [84th EAGE Annual Conference & Exhibition](#), Jun 2023, Volume 2023, p.1 – 5. **doi:** <https://doi.org/10.3997/2214-4609.202310522>
- **Thomas A.**, 2022. A pragmatic approach to polymer flooding to accelerate field implementation // Kazakhstan journal for oil & gas industry, Vol. 4. - N. 4. - P. 56-67. doi: [10.54859/kjogi108617](https://doi.org/10.54859/kjogi108617)
- **Thomas A.**, 2021. A genetic algorithm to screen gas storage candidates and better predict flow paths using seismic data. [83rd EAGE Annual Conference & Exhibition](#), Jun 2022, Volume 2022, p.1 - 5. <https://doi.org/10.3997/2214-4609.202211004>
- **Thomas A.**, Tnacheri N., Lhommet L., 2021. Artificial Intelligence for localizing CO₂ using seismic data: application to the Sleipner storage project. <https://doi.org/10.3997/2214-4609.202121072>

Publications (2/3)

- Ilyasov I., Koltsov I., Golub P., Tretyakov N., Cheban A., **Thomas A.**, 2021. Polymer Retention Determination in Porous Media for Polymer Flooding in Unconsolidated Reservoir. <https://doi.org/10.3390/polym13162737>
- Gathier F., Rivas C., Lauber L., **Thomas A.**, Offshore Polymer EOR Injection Philosophies, Constraints and Solutions. <https://doi.org/10.2118/200368-MS>
- **Thomas A.** Essentials of Polymer Flooding Technique. April 2019, Wiley - ISBN: 9781119537588
- **Thomas A.**, Giddins M., Wilton R., 2019. Why is it so Difficult to Predict Polymer Injectivity in Chemical Oil Recovery Processes? <https://doi.org/10.3997/2214-4609.201900114>
- **Thomas A.**, Gaillard N., Favéro C. 2013. Some Key Features to Consider When Studying Acrylamide-Based Polymers for Chemical Enhanced Oil Recovery. <https://doi.org/10.2516/ogst/2012065>
- Gaillard N., Favéro C., Bai J., Green K., Wassmuth F., **Thomas A.** 2013. Performance of Associative Polymers in Porous Media. <https://doi.org/10.3997/2214-4609.20142625>
- Gaillard N., **Thomas A.**, Favéro C. 2013. Novel Associative Acrylamide-Based Polymers for Proppant Transport in Hydraulic Fracturing Fluids. <https://doi.org/10.2118/164072-MS>
- Bonnier J., Rivas C., Gathier F., Quillien B., **Thomas A.**, 2013. Inline Viscosity Monitoring of Polymer Solutions Injected in Chemical Enhanced Oil Recovery Processes. <https://doi.org/10.2118/165249-MS>

Publications (3/3)

- Divers T., Gaillard N., Bataille S., **Thomas A.**, Favéro C., 2017. Successful Polymer Selection for CEOR: Brine Hardness and Mechanical Degradation Considerations. <https://doi.org/10.2118/185418-MS>
- Gaillard N., **Thomas A.**, Bataille S., Dupuis G., Daguerre F., Favéro C., 2017. Advanced Selection of Polymers for EOR Considering Shear and Hardness Tolerance Properties. <https://doi.org/10.3997/2214-4609.201700333>
- Puskas S., Vago A., Toro M., Ordog T., Kalman G.Y., Tabajd R., Dekany I., Dudas J., Nagy R., Barthá L., Lakatos I., **Thomas A.**, Garcia R., 2017. First Surfactant-Polymer EOR Injectivity Test in the Algyo Field, Hungary. <https://doi.org/10.3997/2214-4609.201700244>
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- **Thomas A.**, 2016. Polymer Flooding, Chemical Enhanced Oil Recovery (cEOR) - a Practical Overview, Dr. Laura Romero-Zerón (Ed.), InTech, DOI: 10.5772/64623.
- Gaillard N., Giovannetti B., **Thomas A.**, Favéro C., Braun O. 2016. Selection of Customized Polymers to Enhance Oil Recovery from High Temperature Reservoirs. <https://doi.org/10.2118/177073-MS>
- Al-Hashmi A.R., Divers T., Al-Maamari R.S., Favéro C., **Thomas A.** 2016. Improving Polymer Flooding Efficiency in Oman Oil Fields. <https://doi.org/10.2118/179834-MS>
- Leblanc T., Braun, O., **Thomas A.**, Gaillard N., Favéro C. 2015. Rheological Properties of Stimuli-Responsive Polymers in Solution to Improve the Salinity and Temperature Performances of Polymer-Based Chemical Enhanced Oil Recovery Technologies. <https://doi.org/10.2118/174618-MS>