

# Energy Career and Leadership Webinar Series

## Spring 2024

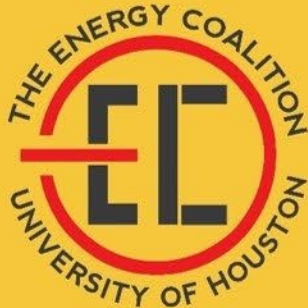
### Adapting to Change: Building a Resilient Career in the Energy Sector Amidst Dynamic Shifts

**TIEEP**  
TEXAS INDUSTRIAL ENERGY  
EFFICIENCY PROGRAM

This webinar will be recorded.



UH Energy  
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# Adapting to Change: Building a Resilient Career in the Energy Sector Amidst Dynamic Shifts



**Alan Rossiter**

Executive Director, External  
Relations & Educational Program  
Development

***UH Energy, University of Houston***

# Adapting to Change: Building a Resilient Career in the Energy Sector Amidst Dynamic Shifts

## Confirmed Presenters



**Rey Banatao, Ph.D.** Director / Project Lead, X (formerly Google X)

Presentation Topic: Fall in Love with the Problem - Lessons in Moonshot Taking, Climate and Entrepreneurship

**Don Victory.** Founder and Chair of Energy Mentors; previously Upstream Chief Process Engineer at ExxonMobil

Presentation Topic: Defeating Career Anxiety



**Sharon Nolen.** Eastman Fellow; leader of Eastman's Global Natural Resource Management program.

Presentation Topic: From Raising Cows to Removing Carbon: A Personal Sustainability Journey

**Jane Stricker.** SVP and Executive Director, Houston Energy Transition Initiative (HETI), The Greater Houston Partnership.

Presentation Topic: Navigating a Successful Career in a Changing



Energy Industry

Dates: **Fridays February 9 - March 29, 2024 (excluding March 8 & 15)**

Time: **10am - 11am**

Location: **Webinar Series**

**Sindhu Balan.** Investment principal, Chevron Technology Ventures (CTV).

Presentation Topic: Many Routes to a Career Destination

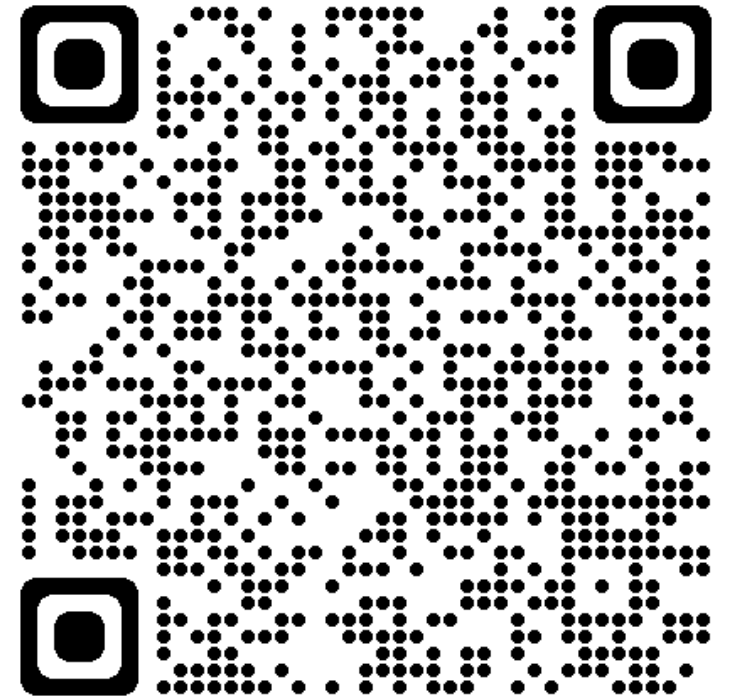


**Additional Presenters to be announced soon.**

# Notes for Certificate Candidates

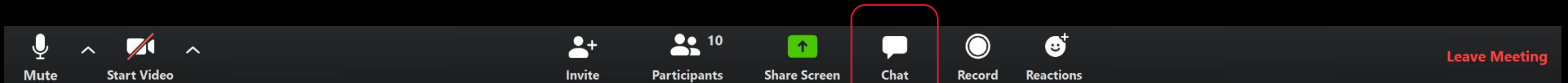
Open to students enrolled students at institutions of higher education. Registration must include institution & student ID.

1. Use your unique, personal Zoom link for the webinars.
2. Activate course in Canvas.
3. Participate in at least 4 webinars in real time.
4. Limited waivers available to use recordings. Must be requested in advance.
5. Complete each test by 11:59 pm the Thursday after the webinar. Passing grade: 80%



# Adapting to Change: Building a Resilient Career in the Energy Sector Amidst Dynamic Shifts

Please stay muted with video off.  
Submit your questions for our guest  
speaker during the live Q&A using the  
chat function in Zoom



## Today's Moderator

### *Gerardo Angulo*

*Vice-Chair of Student Affairs/ UH Energy Coalition*

*UH Energy Scholars Program 2023-2024*

*Formula Coog Radio Show Host*

*BS Political Science, Energy & Sustainability '26*



# Adapting to Change: Building a Resilient Career in the Energy Sector Amidst Dynamic Shifts

## OUR STORY

# THE LARGEST ENERGY-FOCUSED STUDENT ORGANIZATION IN THE U.S.

8

COLLEGES

34

STUDENT ORGANIZATIONS

30

MAJORS



## Upcoming Events

- Networking Events with Energy Professionals
- Career Readiness Sessions
- Hydrogen Symposium (Apr. 17th)
- Energy Banquet (Apr. 24th)





# Register as a Volunteer for the Hydrogen Symposium

- Gulf Coast Hydrogen Ecosystem Symposium, April 17, 2024
- Four tracks: Technology, Business, Policy/Regulatory/Safety, Community Engagement
- Volunteers: Sign up & register for personalized name tag and official registration





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CORDIALLY INVITES YOU TO CELEBRATE  
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## *Energy Banquet*

APRIL

WEDNESDAY

**24**

AT 5:30 PM

2024

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HILTON HOTEL CONRAD BALLROOM  
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# Adapting to Change: Building a Resilient Career in the Energy Sector Amidst Dynamic Shifts



## Dr. Tatiana Mitrova

Research Fellow at the Center on Global Energy Policy, *Columbia University / SIPA* and Founder and Director at the New Energy Advancement Hub (NEAH)

# Adapting to Change: Building a Resilient Career in the Energy Sector Amidst Dynamic Shifts

**Dr. Tatiana Mitrova**

29 March 2023



# Dr. Tatiana Mitrova

- 30 years of experience in global energy markets research.
- 20 years of experience in energy-related executive education
- 10 years of board experience in the leading international public energy companies.
- Strong expertise in energy transition - new energy technologies, market organization, corporate strategies and geopolitical consequences.
- Among world Top-30 female energy market analysts.



# Adapting to changes is crucial in the energy sector

Challenges: energy sector's dynamic nature

- **Technological advancements:** innovations (like hydraulic fracturing and horizontal drilling, renewable energy sources, smart grids, and energy storage) are reshaping the sector.
- **Regulatory changes:** changing policies that are influencing market trends and operational standards (climate regulation, goals for reducing carbon emissions and supporting renewables).
- **Shifts in global energy demand:** Changing consumer preferences and the global push for sustainability are altering energy production and consumption patterns.



**Importance of adaptability and resilience in this evolving landscape**



Search



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My Network



**Tatiana Mitrova**

Research Fellow at the Center on Global Energy Policy and Independent Director

## ← Experience



### Center on Global Energy Policy

7 yrs 11 mos

Greater New York City Area



#### Research Fellow

Sep 2022 - Present · 1 yr 7 mos



#### Visiting Research Fellow

May 2016 - Aug 2022 · 6 yrs 4 mos



### Founder and Director

NEAH: New Energy Advancement Hub · Full-time

May 2023 - Present · 11 mos

Cyprus · Hybrid



### Independent Director

Schlumberger

Jul 2018 - Present · 5 yrs 9 mos

[https://www.slb.com/about/guiding\\_principles/corpgovernance/board.aspx](https://www.slb.com/about/guiding_principles/corpgovernance/board.aspx)



### Visiting Professor

Sciences Po

Jan 2014 - Present · 10 yrs 3 mos

Paris, Île-de-France, France



### Senior Research Fellow

Oxford Institute for Energy Studies

Sep 2015 - Present · 8 yrs 7 mos

Looks good, so why  
“adaptation”?

# Hmmm...

National => International

Hydrocarbons => Green energy

Research => Management

The image shows a LinkedIn profile for Tatiana Mitrova. The profile header includes the LinkedIn logo, a search bar, and navigation icons for Home, My Network, Jobs, and Messaging. The profile name is Tatiana Mitrova, with the title "Research Fellow at the Center on Global Energy Policy and Independent Director".

The work history section lists three positions:

- Independent Director** at **NOVATEK** (Apr 2020 - Sep 2022 · 2 yrs 6 mos)
- Research Director, Energy Center** at **Moscow School of Management SKOLKOVO** (Feb 2017 - Feb 2021 · 4 yrs 1 mo). Description: "An independent platform for in-depth energy research, education and qualified dialogue between Russian and international energy business and authorities."
- The Energy Research Institute of the Russian Academy of Sciences (ERI RAS)** (15 yrs 2 mos, Moscow, Russian Federation).
  - Head of Oil and Gas Department** (Jun 2011 - Feb 2021 · 9 yrs 9 mos). Description: "Organizing and leading the following major studies:"
    - "Energy Strategy of the Russian Federation up to 2035" for the Energy Ministry – 2014-2015;
    - "Global and Russian Energy Outlook Up To 2040" – 2014;
    - "Russian Gas Market Development" for Wintershall, 2013;
    - "Global and Russian Energy Outlook Up To 2040" – 2013;
    - "Analyses and Forecast of the Main Trends in Gas Markets Development in Europe, North America and Asia" for Rosneft, 2012;
    - "Five Years of Shale Gas" – 2013;
    - "Oil of Shale Plays" – 2013;
    - "Transformation of the global gas markets" for the Presidential Energy Commission – 2012;



# Personal: a character unsuitable for a career

- Unsociability, introversion
- Inability to work in an office
- The need to devote a lot of time to children
- Everything quickly becomes boring
- The necessity for constant change in types of activities
- A strong need for travel (nomadic gene)



# Personal: poor starting point

- Started career 2000s as oil&gas academic researcher
- Up to 30 years old - a housewife with no work experience and lost socialization skills.
- A single mother of two sons: engaged 24/7, constant stress, and financial pressure.
- Working in the post-Soviet space: gender and age discrimination, very strict hierarchy, and barriers to advancement.
- Politics inside Russia: an independent political stance radically divergent from the official one.
- Geopolitics outside Russia: an individual with a passport from a sanctioned aggressor country.



**Portfolio-career  
approach**

# The portfolio-career approach (Chat GPT)

The portfolio-career approach refers to a professional strategy where individuals build their careers by undertaking multiple roles or jobs simultaneously or sequentially, rather than following a single career path within one organization or sector. This approach can include a mix of part-time jobs, temporary roles, freelancing, consulting, entrepreneurial ventures, and voluntary work. Each component or role in the portfolio is seen as a separate project or element that contributes to the individual's overall career.

Key characteristics of a portfolio career include:

1. **Diversity and Flexibility:** The approach allows for a diversified career with flexibility in terms of time, location, and type of work. Individuals can adjust their portfolio based on changing personal interests, market demands, or life circumstances.
2. **Autonomy and Control:** It offers professionals more control over their work-life balance, as they can choose projects that align with their personal values, interests, and schedules.
3. **Continuous Learning:** Engaging in various roles across different industries or sectors fosters continuous learning and skill development. It enables individuals to stay adaptable and competitive in a rapidly changing job market.
4. **Networking:** Working in multiple capacities often expands one's professional network, opening up further opportunities and collaborations.
5. **Risk Management:** By not relying on a single source of income or career path, individuals can potentially lower their career risk. If one role or project ends, they have other work to fall back on.

The portfolio-career approach is particularly popular among freelancers, consultants, creative professionals, and those seeking greater work-life balance or pursuing passions in multiple fields. It aligns well with modern work trends, such as the gig economy and remote work, offering a viable alternative to traditional, linear career paths.

# Navigating uncertainties in the energy sector

- Changes are inevitable, whether you expect them or not. The most risky strategy is to ignore and do nothing. In this case, you will definitely lose. Any meaningful action increases the chances of success. Develop and regularly review your career plan in a fluctuating industry landscape.
- With an average life expectancy of 90 years, you still have 60-70 years ahead. This is equivalent to 2-3 careers in old times. We are doomed to lifelong learning. Make it fun! It's foolish to waste your life on something you don't like - choose what interests you. Interest and joy are the best indicators of where to go.
- There is time to try and make mistakes. Test different hypotheses, try yourself in various fields. As practice shows, not a single skill, no matter how odd, ends up being unneeded in the end.
- It's all about people – develop your professional network. Connecting with experienced professionals and seeking mentorship can offer invaluable insights and open doors to new opportunities.

# What are the key components of your successful journey?

## 1. Knowledge & hard skills

- Systemic approach (sustainability, climate, energy – technologies, economics, regulation, finance)
- Lifelong learning
- Baby steps

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- Writing for social media/research/publications, AI
- Emotional resilience and adaptivity
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4. Clear personal strategic vision and persistence in everyday action



# Strategy and implementation plan

## SWOT analyses:

**Assess your skills and resources** - identify your strengths, weaknesses, and available resources

## Engage in advocacy:

Discover your preferred way to make your voice matter

## Measure and track progress:

Establish your own KPIs to measure the impact of your efforts

## Vision and targets:

**Set clear professional goals** - define your objectives and desired outcomes for integrating energy transition into a personal strategy. Determine what impact you want to make.

## Define your niche:

Choose an energy area where you can make a difference

## Develop detailed implementation plan:

Define everyday easy steps and create your own system of motivation and support

## Continuous learning and adaptation:

Adapt your strategy and approaches based on new information, the response of the environment and lessons learned

1

2

3

4

5

6

7

# Conclusion (kind of)

This is your one and only unique life. Don't be afraid to experiment! Success comes to those who are ready to hack the system and impose their own rules on it.



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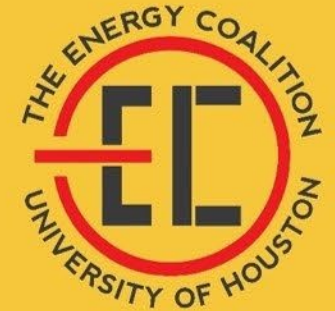
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