



Geovariances  
Where no one has gone before

# OIL & GAS SERVICE PARTNERSHIP

STAND OUT FROM YOUR COMPETITORS AND TAKE YOUR SERVICE DELIVERY TO A NEW LEVEL WITH GEOVARIANCES EXCLUSIVE KNOW-HOW IN GEOSTATISTICS APPLIED TO RESERVOIR CHARACTERIZATION AND MODELING

## WE OFFER YOU

- ✓ **Facilitated access** to Geovariances software for you and your clients
- ✓ **Services from experts** in geostatistics applied to your industry
- ✓ **Training** of your team and your clients with geostatistics
- ✓ **Mentoring** of your team during projects

## YOUR BENEFITS



### BUSINESS GROWTH

- **Increase** your scope of services
- **Add value** to your services with new expertise
- **Stand out** from your competitors



### COST SAVING

- **Ready to go** services
- **Progressive skills transfer** and investment according to your activity development
- **Flexible service** to best meets your needs

CONTACT US

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☎ +33 1 6074 9090  
[www.geovariances.com](http://www.geovariances.com)

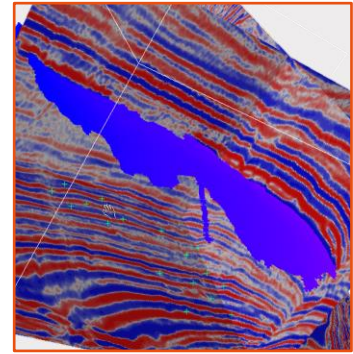
## ALL OUR EXPERTISE FOR YOU

We provide a-la-carte training, mentoring and/or consulting services in relation to what we know so deeply, geostatistics, to help you build for your client the best reservoir model as it can be.

Indeed, geostatistics provides the most efficient framework to build accurate and reliable static model. The approach is valuable at all steps of the geomodeling process:

### Structural model

We take data analysis and quality control further to derive the accurate information you need for **improved reservoir understanding and modeling**. Geostatistical filtering facilitates velocity picking and improves velocity cubes quality for **optimized depth maps**.

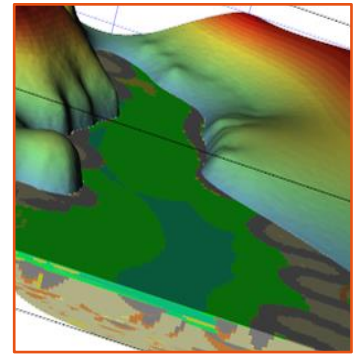


### Stratigraphic model

The lithotype proportion models we build account for trends and help detect better correlated horizons and build **precise and realistic reservoir zonation**.

### Sedimentological model

Our models are conditioned to rock types and take into account global or internal facies trends while analyzing border effects between facies. You are perfectly aware of facies spatial evolution inside the reservoir.



### Fluid flow model

We model porosity and permeability trends, even complex. We also use connection information to condition models, which provides further control to static models and let you **save time on history matching**.

### Uncertainty assessment at all steps

Uncertainties are quantified all along the modeling process, from depth maps to volume estimates.



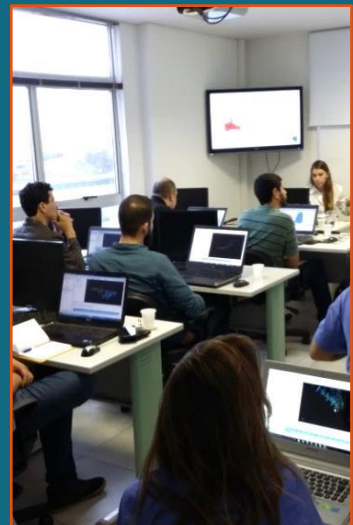
## OUR STRENGTHS

- Unique expertise based on **30-year experience** in applying geostatistics for reservoir characterization and software development
- Leading technology supported by **continuous R&D** in partnership with Mines ParisTech Geostatistics Group
- **Versatile team** of geostatisticians, geophysicists and reservoir engineers
- Small structure making **response fast**



## OUR COMMITMENTS

- Our experts are available to help you bid to tenders
- We help you marketing the geostatistics approach
- We promote your company as Geovariances Service Partner
- We provide you with the technical contents and course materials you need



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