



# EMERGING TRENDS IN GEOSCIENCE SOFTWARE



## CHANGES, CHALLENGES AND HOW TO STAY UP TO DATE

Technology changes. Fast. You're busy, so how do you keep up to date? We've got you covered.

SeisWare took a hard look at how things have changed and where the work of the Geoscientist is trending. We talked to geoscientists and identified 5 trends in the geoscience software space to keep in mind. In our trend analysis, we take you through each trend, what it means, and what challenges come with it. We also explain how SeisWare is keeping pace.



## COLLABORATION VS. COMPETITION

### WHAT IS THE TREND?

One ring to rule them all? Not these days. From picking tops, to inversion, to AI-assisted interpretation, no software does it all...at least not at a reasonable price point. With so many software packages on the market, geoscientists use more than one geoscience software package to accomplish their day-to-day work. Rather than competing against each other or spending years developing added functionality that is already on the market, successful software companies are increasingly building connections to other platforms.

### HOW WE'RE ADDRESSING IT

Building connections has been a priority for SeisWare for a long time.

From connecting to well data to AI functionality, SeisWare works with companies to expand its functionality through strategic collaboration.

SeisWare has also made its software development kit (SDK) available to companies to connect their own scripts and workflows.

### CHALLENGES

Collaboration requires cooperation. For this trend to have permanence, companies will need to work both ways to maintain data connections and adapt to software and data format changes.



## **WORKING FASTER**

### **WHAT IS THE TREND?**

Thoughtful interpretation takes time. But we just don't have the hours in the day anymore. Geoscientists are trying to do more in less time and with fewer resources. This means that they need tools to move things along. The software that can accomplish tasks in less time will come out on top.

### **HOW WE'RE ADDRESSING IT**

SeisWare has focused on the user. Between product owners, developers, support, and sales, all feedback goes into developing software that aligns with everyday workflows. This has resulted in some interesting advancements – like the Field Development tool that accelerates the well planning process from days to hours. We've also made small tweaks to old workflows, like implementing predictive tops instead of picking one top at a time. On top of that, making geology and geophysics applications work together eliminates the need to constantly import and export data between foundational interpretation packages.

## **CHALLENGES**

Geoscientists can be too busy to stay on top of emerging trends. The downside of not keeping up to date with changing technology is geoscientists may miss opportunities to free up hours in their day.



## **GENERALIZED ROLES**

### **WHAT IS THE TREND?**

How many hats do you wear today vs when you first started? On top of doing their work faster, geoscientists are burdened with extra work beyond the traditional scope of their roles. Geoscientists today need to have basic geology, geophysics, petrophysics, and engineering skills. It looks great on a resume, but it can seem like an impossible task.

### **HOW WE'RE ADDRESSING IT**

SeisWare has developed tools like pre-built petrophysical calculations to ease this burden. By integrating geology, geophysics, petrophysics, and reserves functionality, we're trying to make different aspects of geoscience interpretation more accessible to geoscientists as their roles expand.

## **CHALLENGES**

Balancing software development and collaboration is one challenge that software companies are facing. Is it easier to connect to other software applications or is it better to develop and improve functionality? It's not an easy question, and one that must be examined under the lens of time and economics.



# 2

## **MAKE IT EASY**

### **WHAT IS THE TREND?**

Teams no longer have extra time and resources to learn new software. They need to be up and running with minimal disruption. If it's not easy to use, forget it.

### **HOW WE'RE ADDRESSING IT**

SeisWare offers all new clients personalized onboarding to help them get started with their specific tasks. Once that training ends, clients continue to have access to phone and email support from experienced staff who know the software inside-out.

## **CHALLENGES**

Balancing added features and functionality with ease of use is a challenge. SeisWare records all customer feedback and implements that feedback into its software development so that we are always putting the client first.

# 1

## **SUPPORT EXPECTATIONS RISING**

### **WHAT IS THE TREND?**

When you need help, you need it now. Not a week from now. Not a link to a vague help document. Clients have come to expect top-notch and timely support. And that goes for any industry.

### **HOW WE'RE ADDRESSING IT**

"Welcome to SeisWare, please hold". You won't hear that from us. Our support team strives to answer all calls the first time and get back to emails within the hour. The answers you get won't come from frustrating bots, but from real, trained staff. Clients can also access help files, monthly webinars, and workflow documents SeisWare's support center for those who like a DIY approach.

## **CHALLENGES**

Small problems can easily become big problems if you don't ask for help. We encourage everyone to call our support line with their questions, no matter how big or small. Our support team likes challenges, but they also love helping others. Solving your problem is an easy win for everybody.