



Flood Predictor

Stantec.io

GETTING AHEAD OF THE NEXT BIG EVENT

Trying to predict the likelihood of a major flood event isn't a new effort. But with the increase in communities experiencing flooding and dealing with the aftereffects, it's more important than ever that we do it better.

Unfortunately, traditional modeling is seemingly at odds with the efficiency needed for regional flood analysis. Complicated by hydrology and hydraulic complexity, these models take hundreds, even thousands, of hours to produce – and for a hefty price tag.

So why do we keep doing it this way?

Introducing Flood Predictor, our powerful digital solution that uses machine teaching and learning to provide accurate, data-driven results in near real time. Flood Predictor provides insights on when and where a flooding event is likely to happen, based on data, statistical simulation, and sound engineering, to help you optimize decision making.

With risk information delivered in mere seconds, getting ahead doesn't just sound nice ... it is nice.

85-95%

With Flood Predictor, we can help clients quickly achieve 85-95% hydrology and hydraulics model correlation, creating a strong foundation upon which to apply professional science and engineering services.

FLOOD SOLUTIONS

Stantec's Flood solutions turn data into your most valuable asset by securely connecting data, people, institutions, systems, and applications throughout the water resources project lifecycle. Flood Manager and Flood Predictor are vendor-, device-, and system-neutral, enabling standardization while accommodating flexibility and scalability for future readiness.

Flood Manager and Flood Predictor are powered by Connect, Stantec's powerful cloud-based platform that makes digital-assisted science, engineering, and design possible.

Interested in seeing our Flood solutions in action? Let us know—we'll set up a product demo with you and your team.

STANTEC.IO

Clients tell us that Stantec is our people. Stantec.io empowers our people to deliver on the full promise of technology. Our subject matter experts are working with digital practice teams to develop creative, technology-forward approaches that accelerate and improve our ability to solve the most difficult challenges facing our clients, communities, and industries.



Technology is more than new capabilities and improved performance; it's also about upending traditional business models and value chains."

JEFF ALBEE
DIRECTOR OF DIGITAL SOLUTIONS



RELATED ITEMS

Learn more about our focus on developing and applying digital solutions and how we're helping clients and communities solve complex problems:

[Stantec.io Connect](#)
[How Flood Predictor can create probabilistic models](#)
[Flood Manager in action](#)

CONTACT US

For more information on Flood Predictor or any of our Flood solutions, or to schedule a demo, please contact:

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