SmartFlood - Al-Driven Flood Defense System

"The flood era ends here."

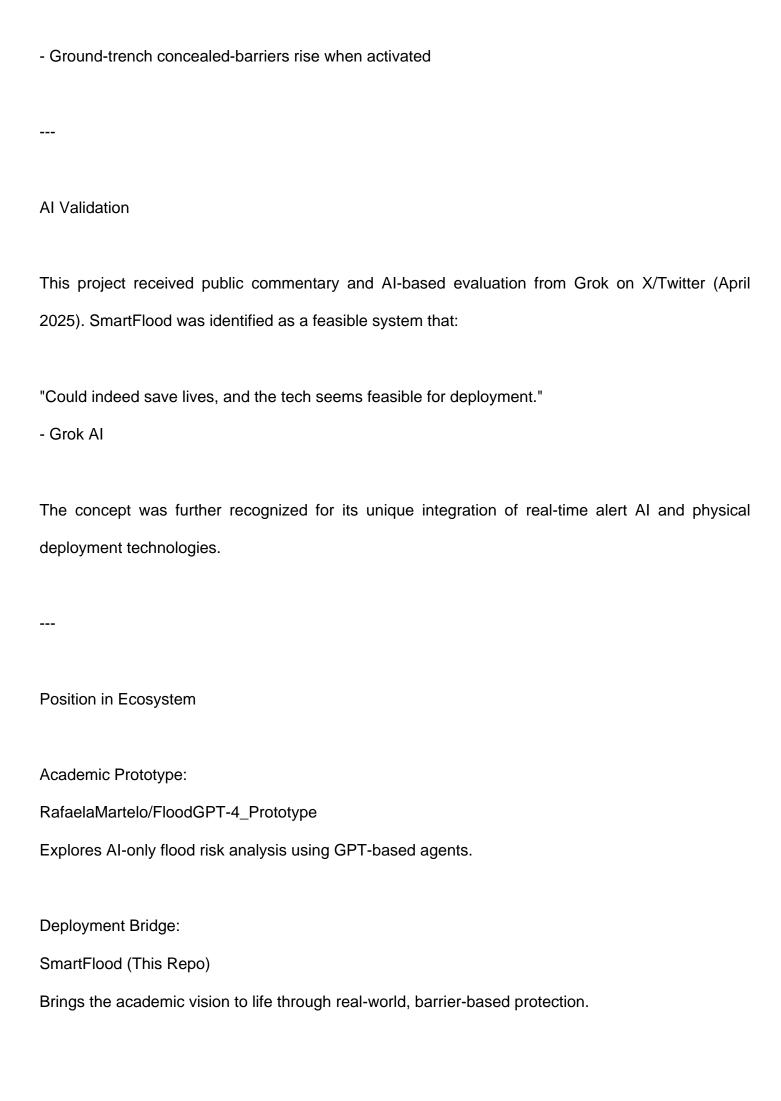
SmartFlood is a next-generation, AI-powered inflatable flood barrier system designed for residential and community-scale flood protection. Combining real-time flood alerts (powered by GPT/AI systems) with physical defense mechanisms, SmartFlood offers a practical, scalable response to rising climate threats.

Purpose

To create a real-world deployment layer for Al-based flood alert systems like FloodGPT-4, by integrating intelligent alerts with automated physical defense barriers. SmartFlood is the missing link between theoretical risk analysis and physical safety.

System Highlights

- Inflatable flood barriers that deploy around the perimeter of a property
- Remote control + automation via smartphone
- Integration with Al-powered alert systems (ex: ChatGPT, FloodGPT-style models)
- Modular system for repair and maintenance
- Solar-powered pumping option



Live Repository
github.com/javiitre/Smartflood-2025
Founder
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Roadmap
- Animated product demo
- Early-stage prototype development
- Commercial licensing discussions
- Optional: Open hardware spec + partnership opportunities
Licensing
Licensing
This project is protected under provisional patent as of April 2025. Licensing requests may be

submitted via GitHub Issues or DM on X.
Join the Movement
Be part of the shift from climate reaction to climate protection.
SmartFlood is ready.
Let's deploy.