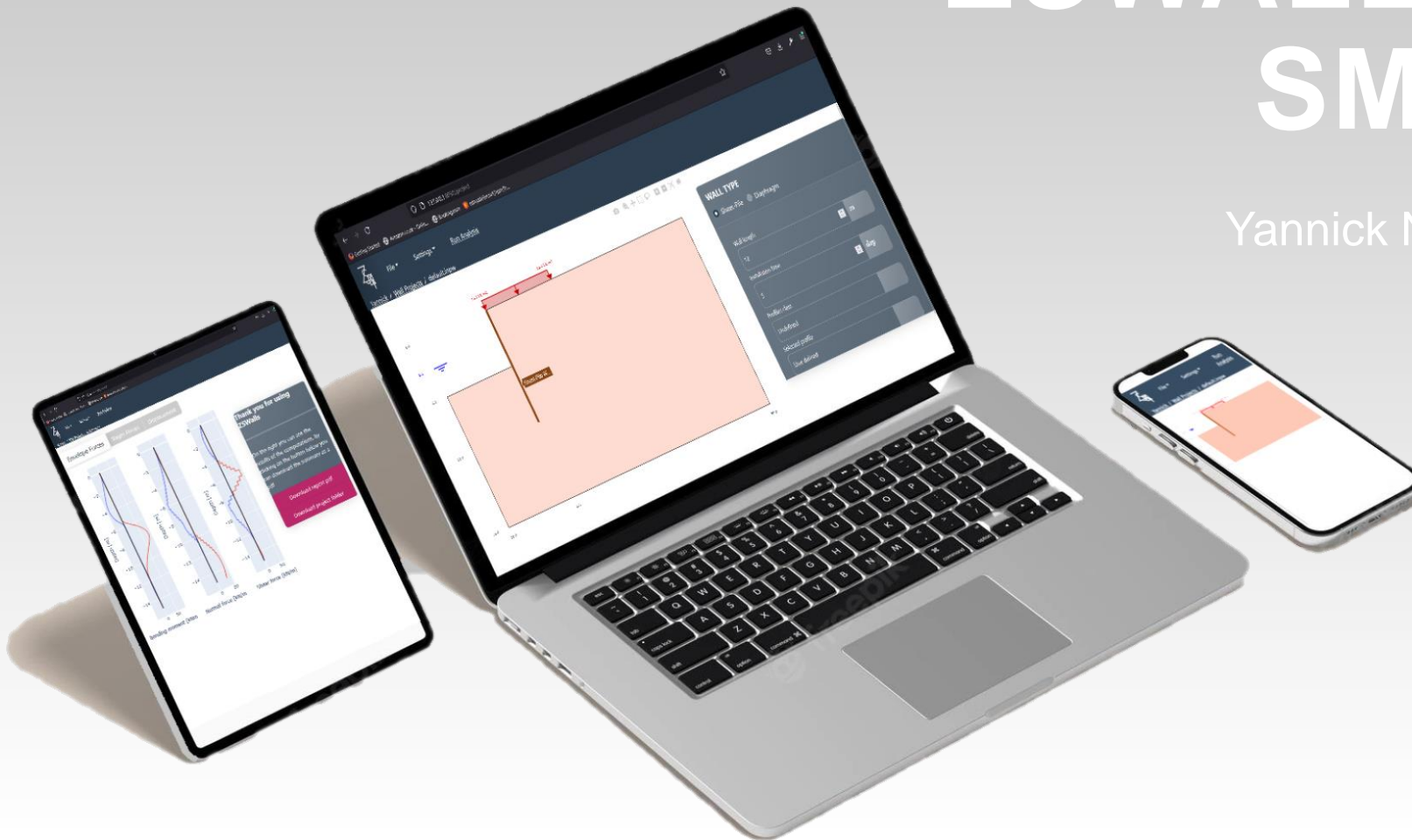


# ZSWALLS ON YOUR SMARTPHONE

Yannick Neypatraiky EPFL & GeoMod SA

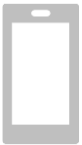




# MOTIVATION

## DEVELOPING A PORTABLE VERSION OF ZSWALLS

- **Ease of access, anywhere and anytime**
- **Get preliminary results easily**
- **Manage simple excavation problems**
- **Compatibility with ZSoil and Zswalls**



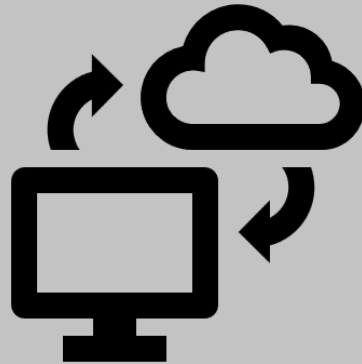


# CLOUD COMPUTING



Cloud computing according to Microsoft:

- the delivery of computing services (servers, storage, databases, software) over the Internet

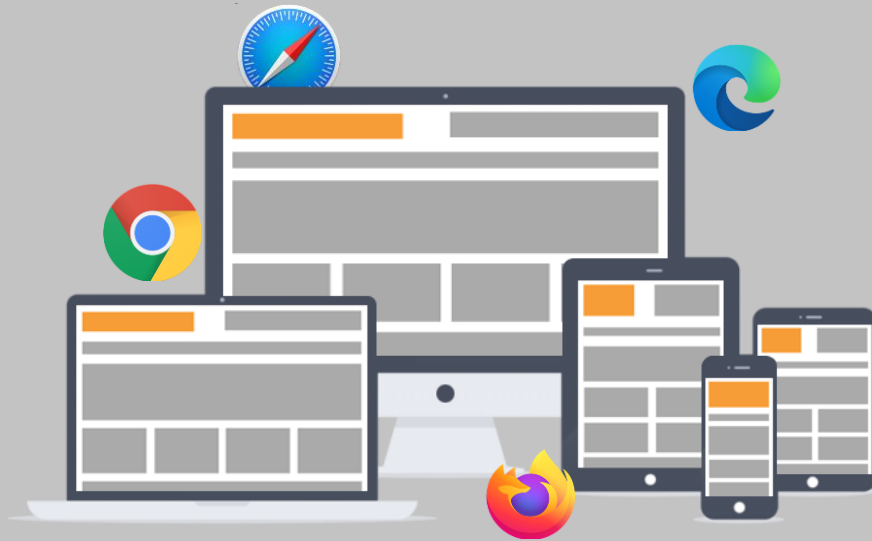


Remote Data Storage

Launch computations inside a Virtual Machine

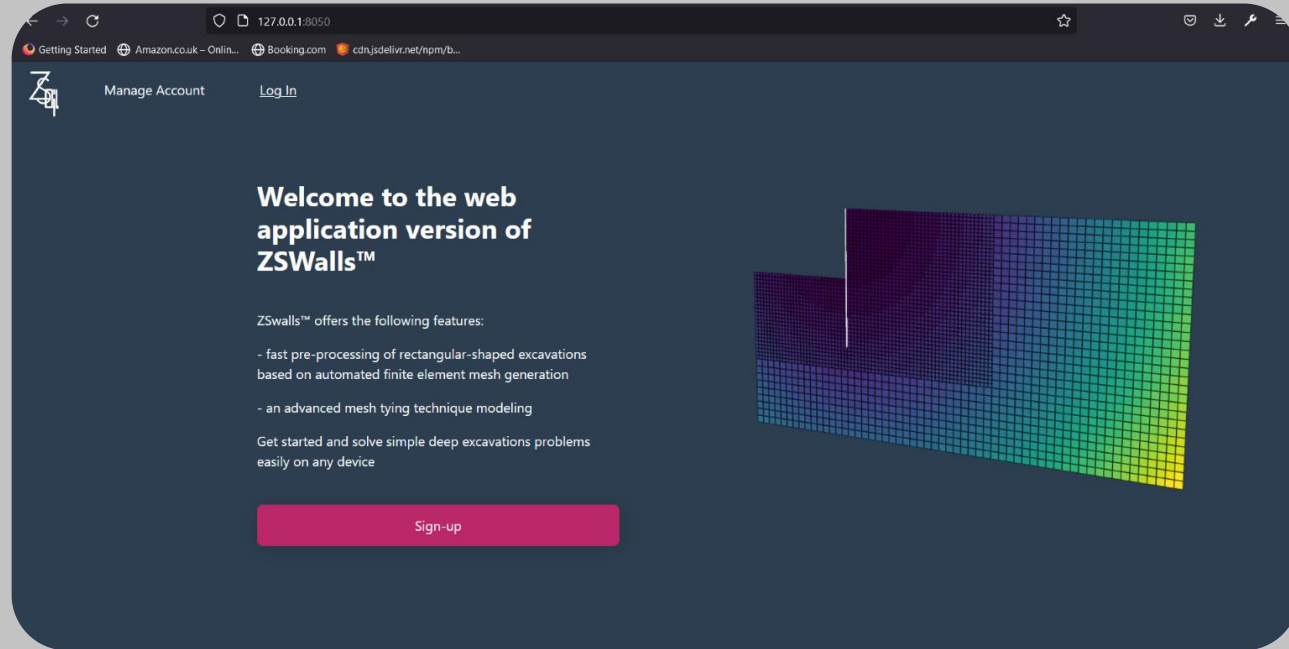
No hardware requirements

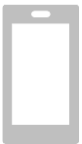
# WEB APPLICATION



- **No Operating System limitations**
- **No memory requirements**
- **Only a browser and an internet connection are required**
- **Mobile responsive layout**

# DEMONSTRATION





# SUMMARY

- **Mobile responsive user interface**
- **Can be accessed on every device (laptop, tablet, smartphone...)**
- **Web apps can be adapted to become a smartphone hybrid app**
- **Almost all features of Zswalls are available**

