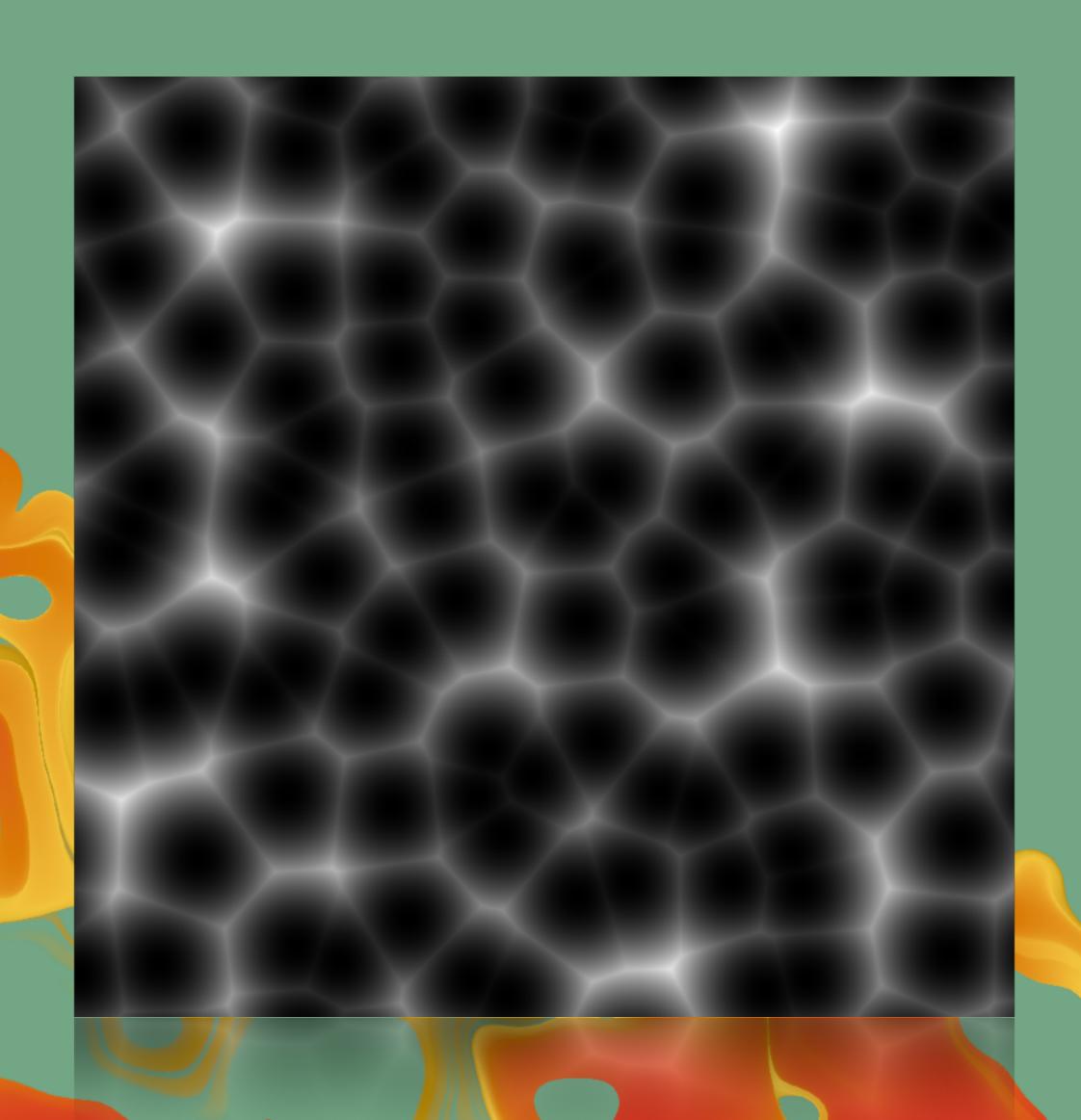
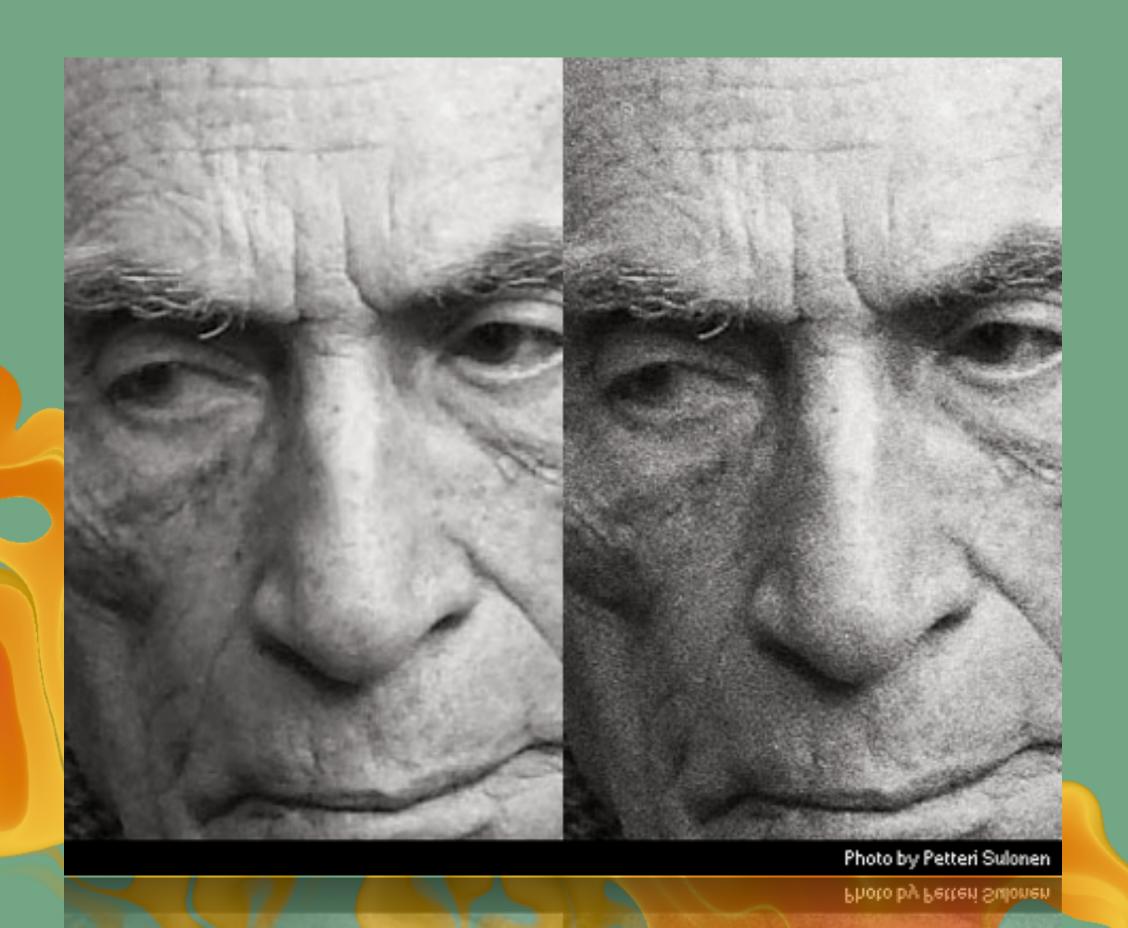
## What is noise?



- Random numbers
- White noise
- Perlin noise
- Value noise
- Worley noise

## Why noise?



## Simulate natural phenomena

- Grain in digital photos
- Procedural landscapes
- Simulating fluids
- Winning oscars