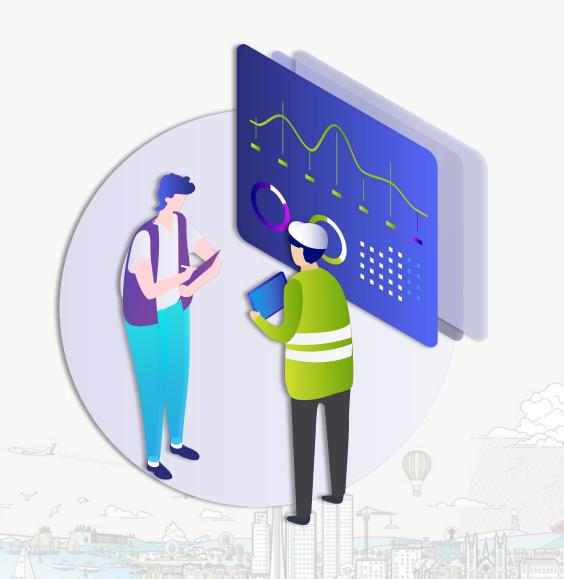


도시침수모델의 미래: StormCity



지금까지의 도시침수모델은 1, 2차원 분석을 통한 각종 설계에 집중되어 왔습니다. 그러나, 극심한 기후 재난으로 인해 제 아무리 설계에 만전을 기하여도 갑작스런 국지적 폭우에 대비하기에는 역부족임을 누구나 인정합니다.

이제, 날씨 예보 하듯이 실시간 레이더 강우를 활용하여 어디가, 언제, 얼마나 침수될 것인지 사전에 알려주어 피해를 최소화할 필요가 생겼습니다.

PCSWMM + AI + Cloud Service로, 모두의 안전을 지킬 수 있습니다!

Why StormCity?







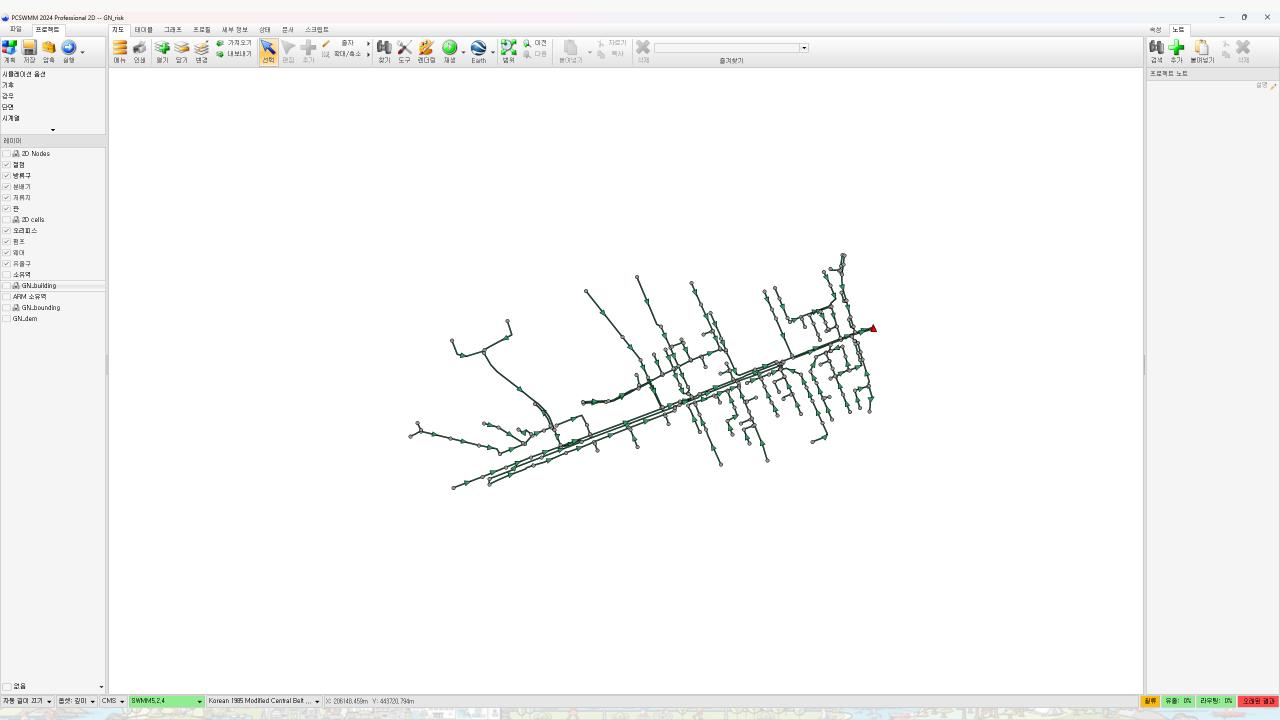






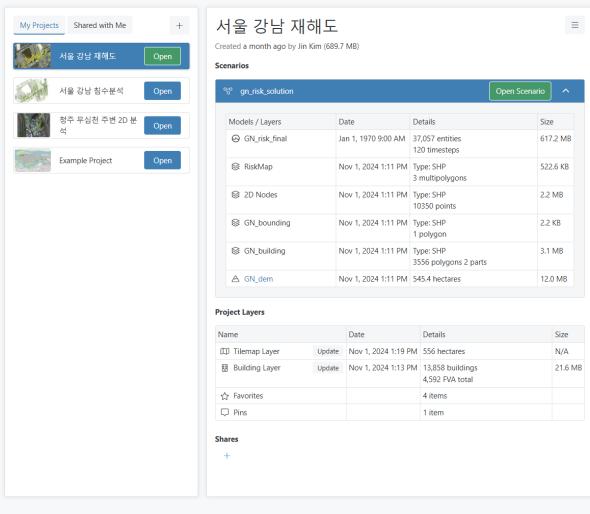


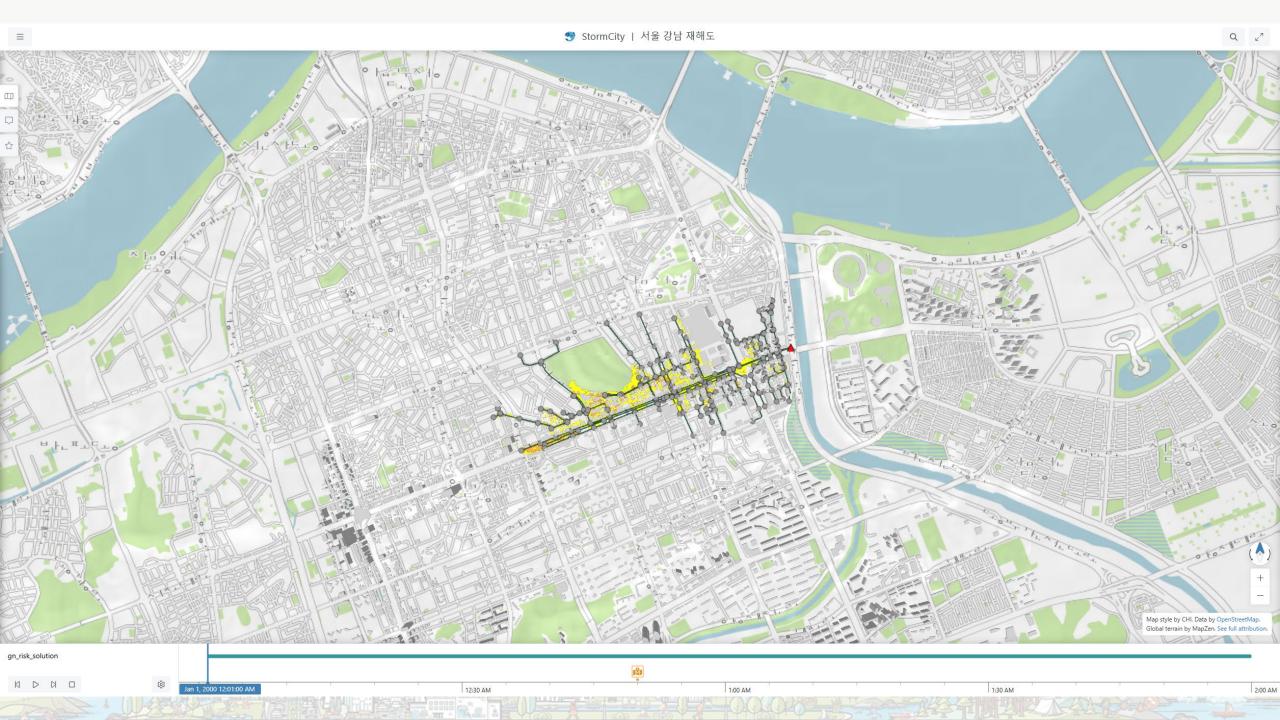




Project Explorer

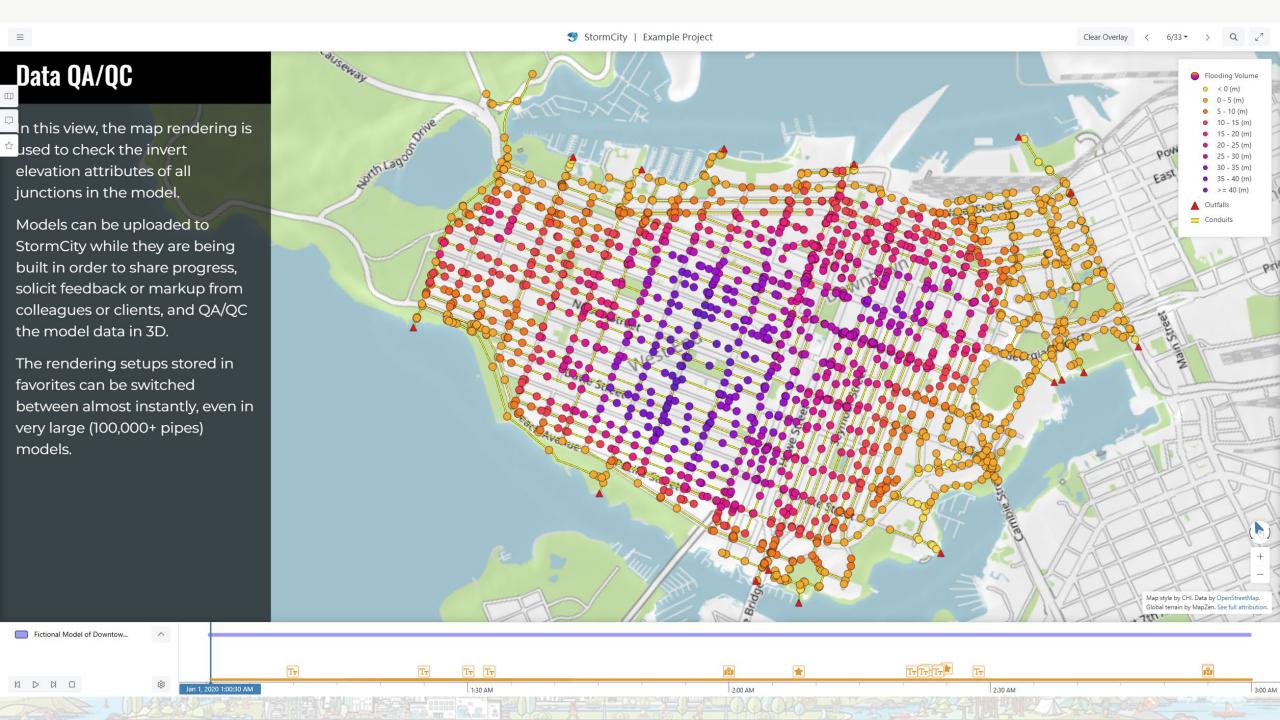
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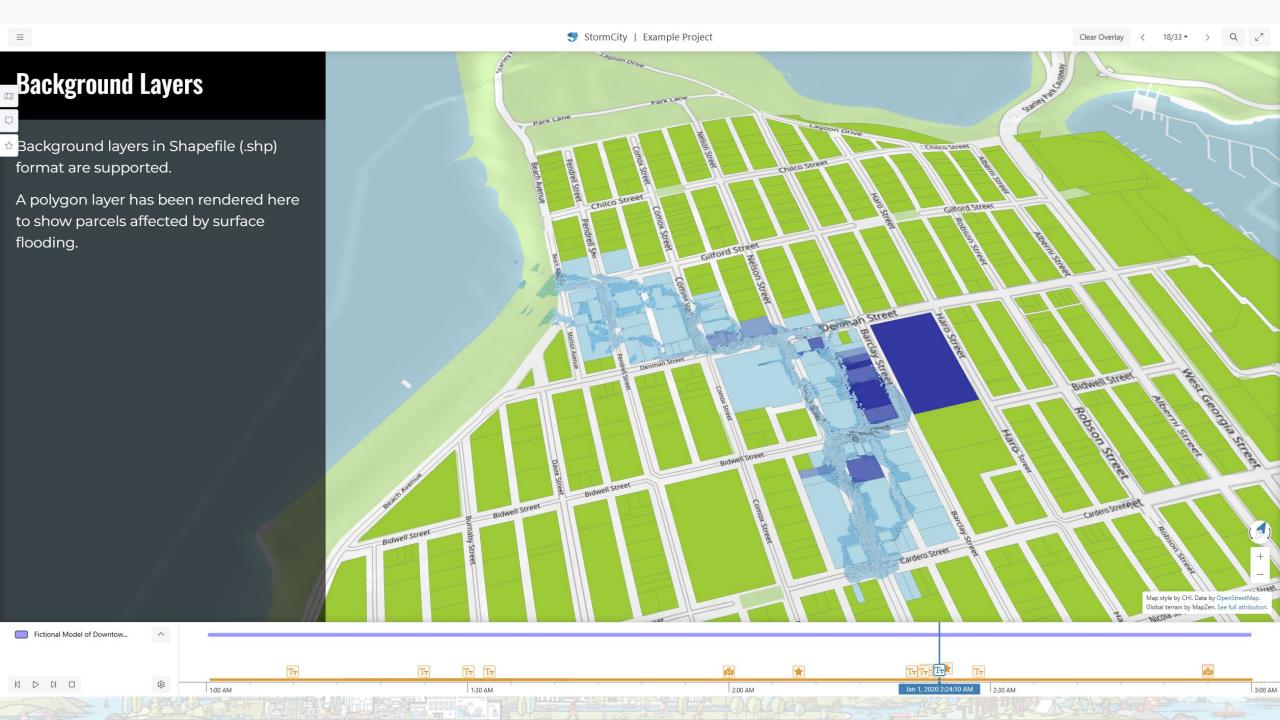


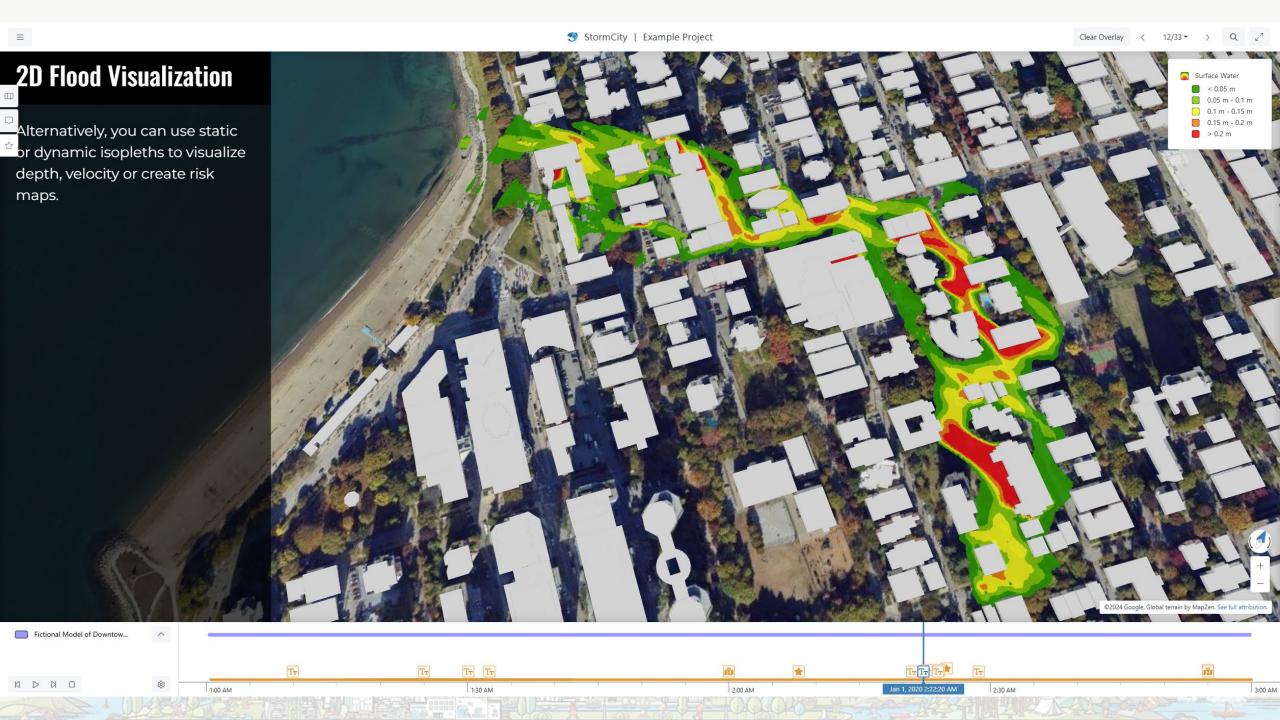








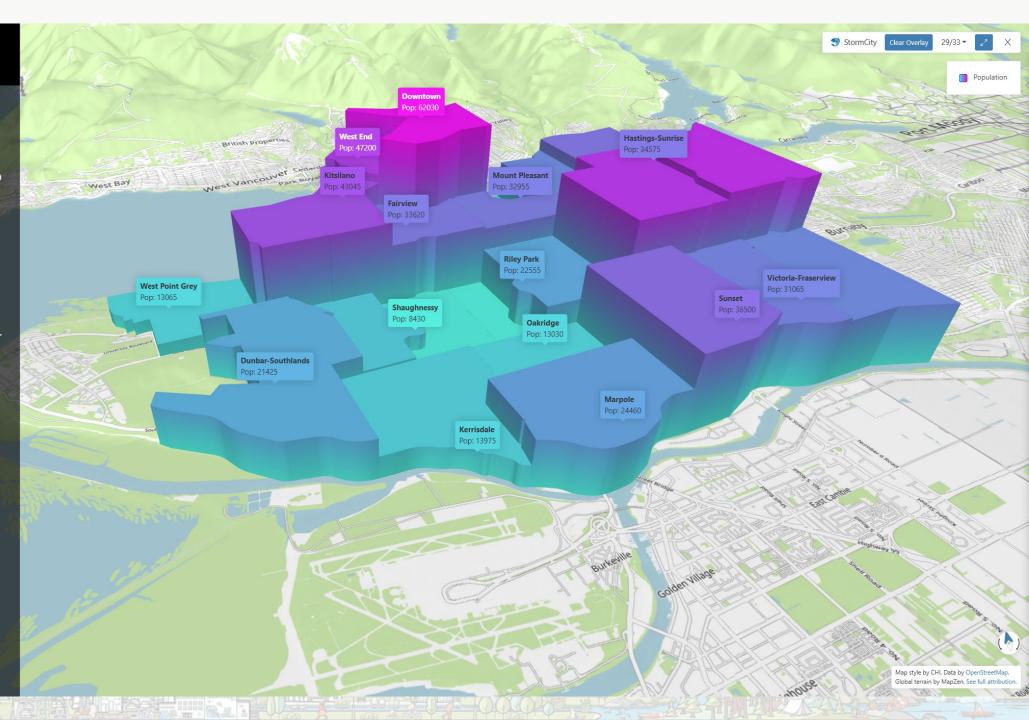




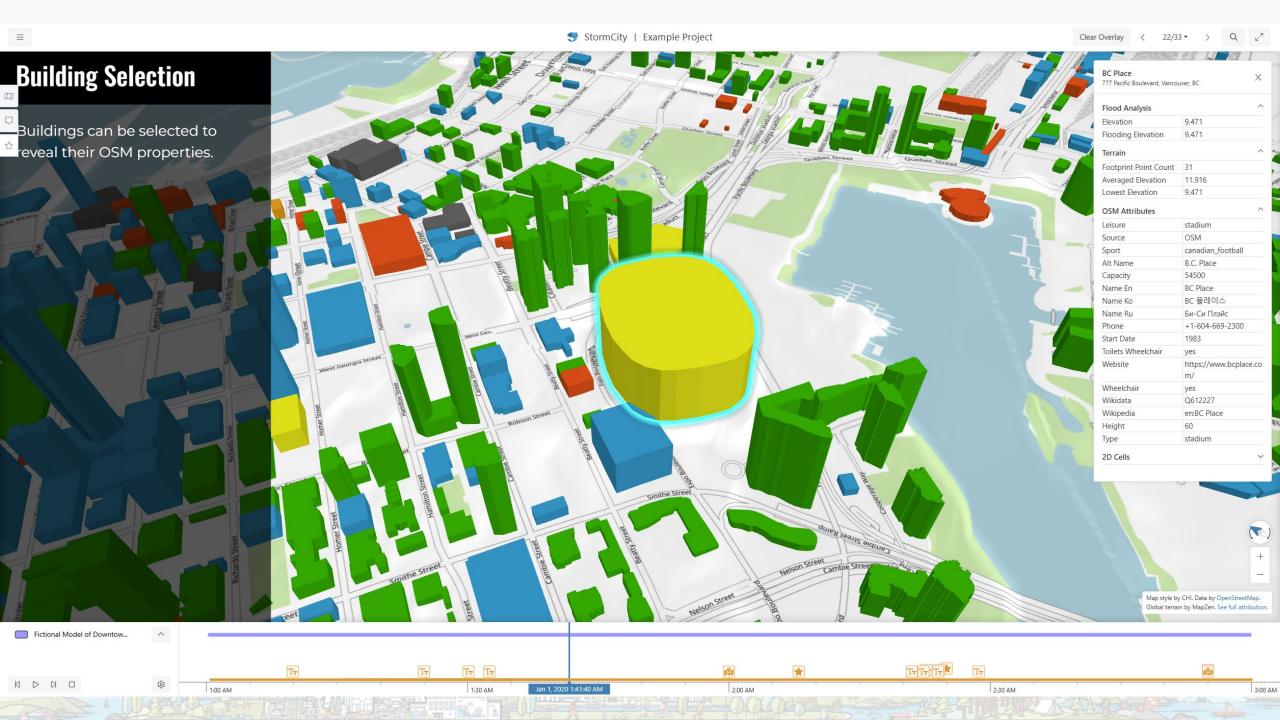
Extruded Polygons

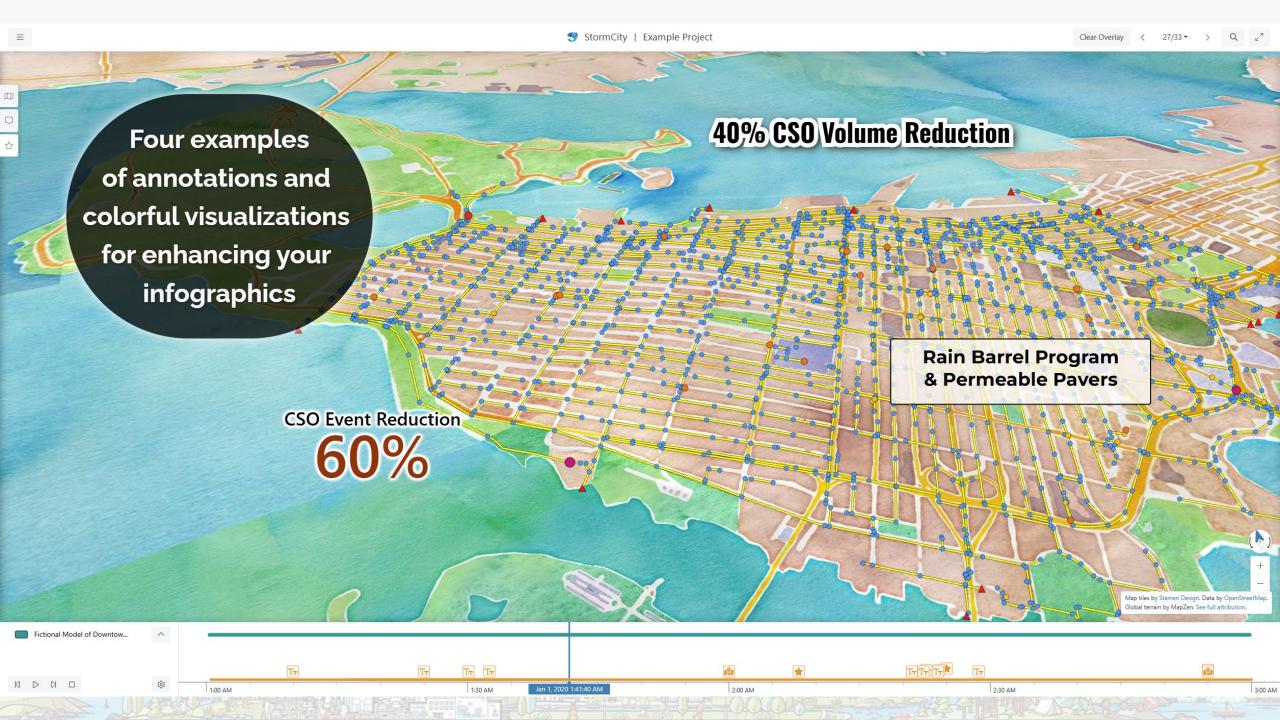
Polygon layers can be extruded based on their attributes. In this example, Vancouver neighbourhoods are extruded up to 2,000 meters based on their populations. A continuous gradient has been applied to the shapes.

Custom HTML formatted labels can be placed overtop, automatically matching the color and pulling in the corresponding value.

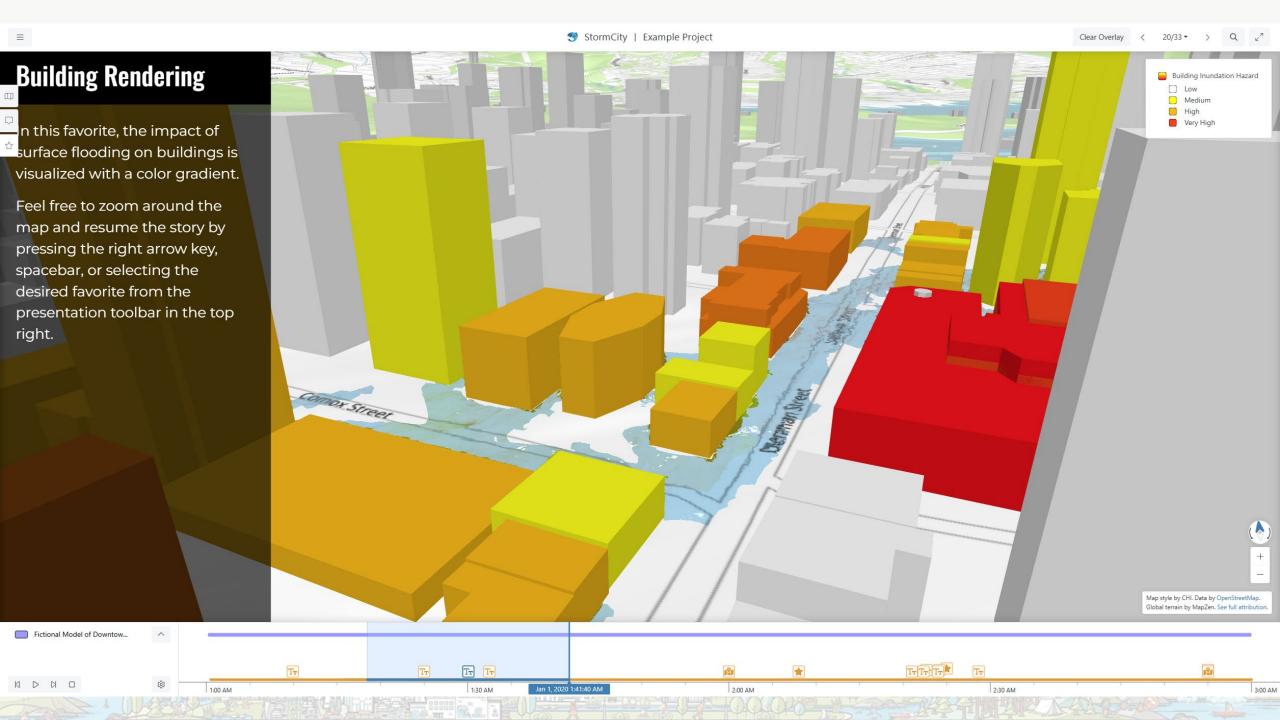


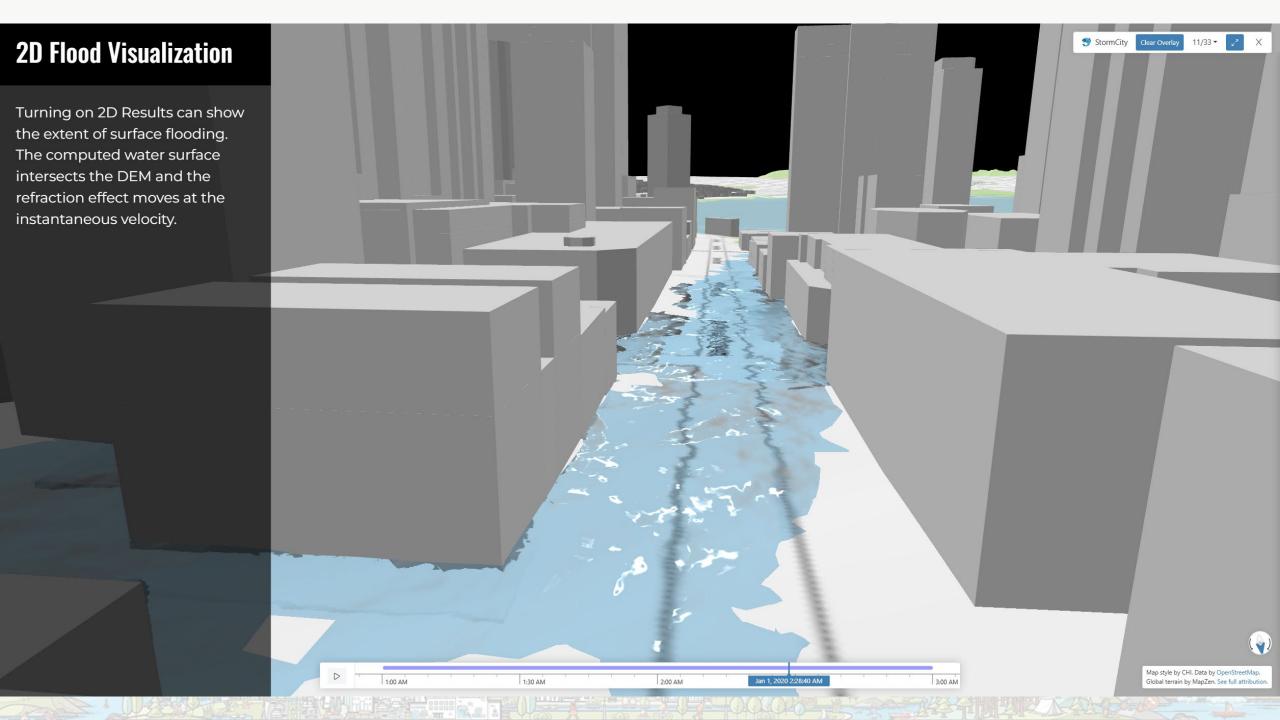








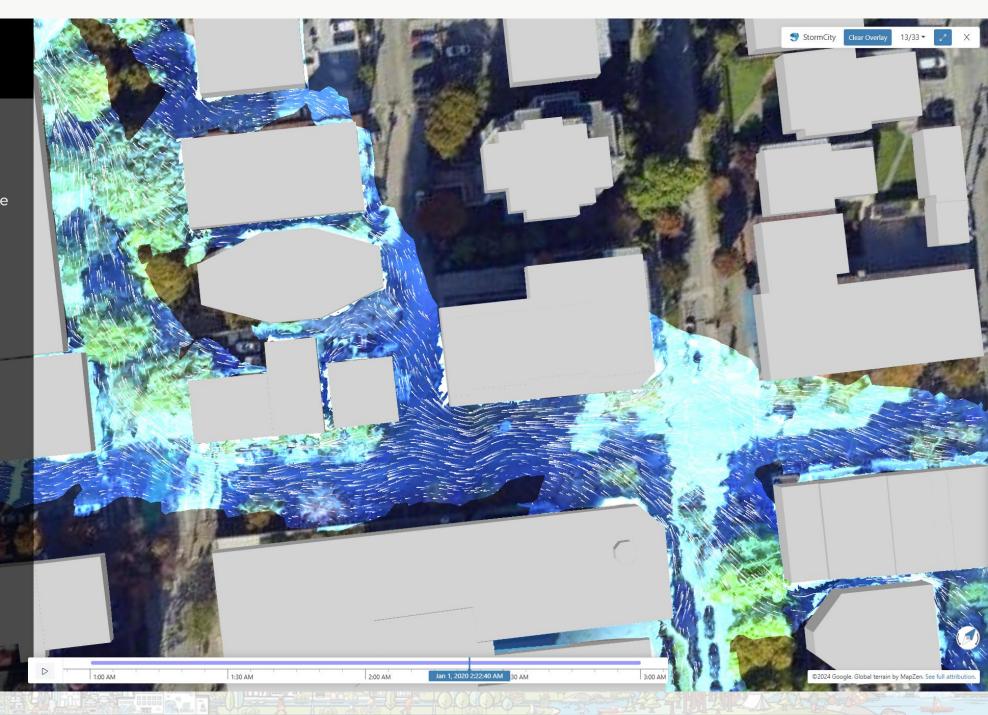


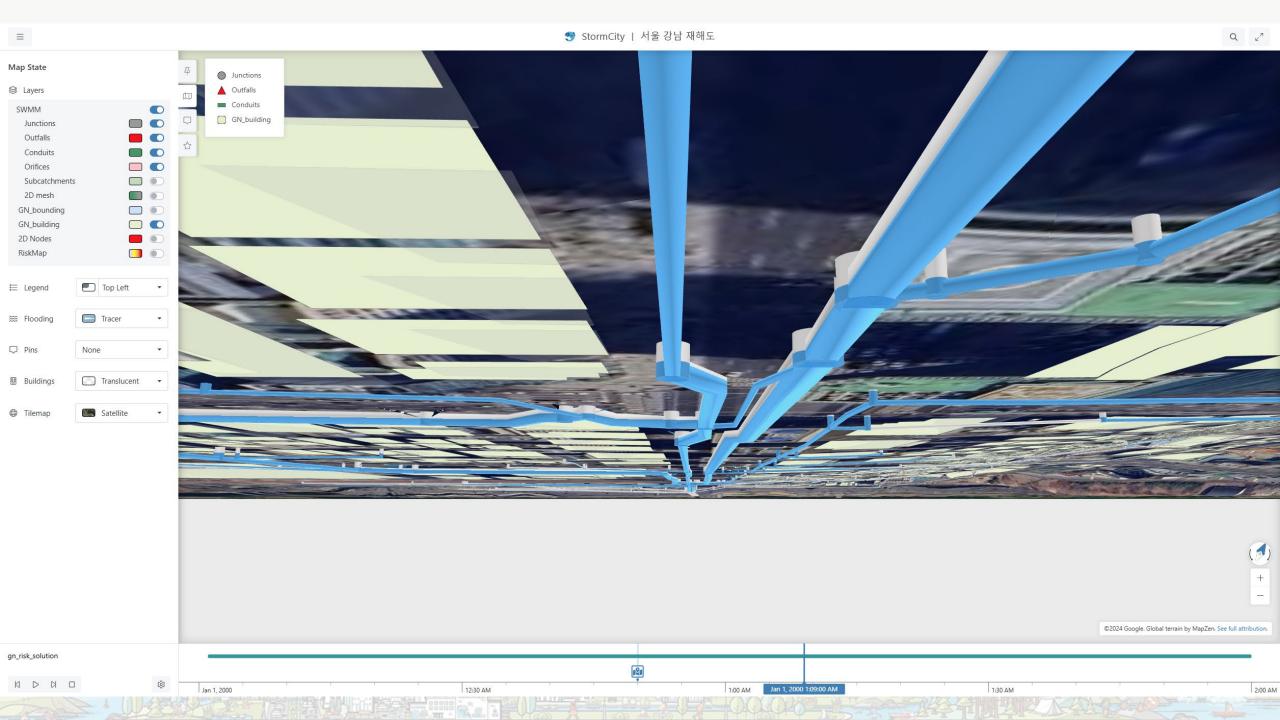




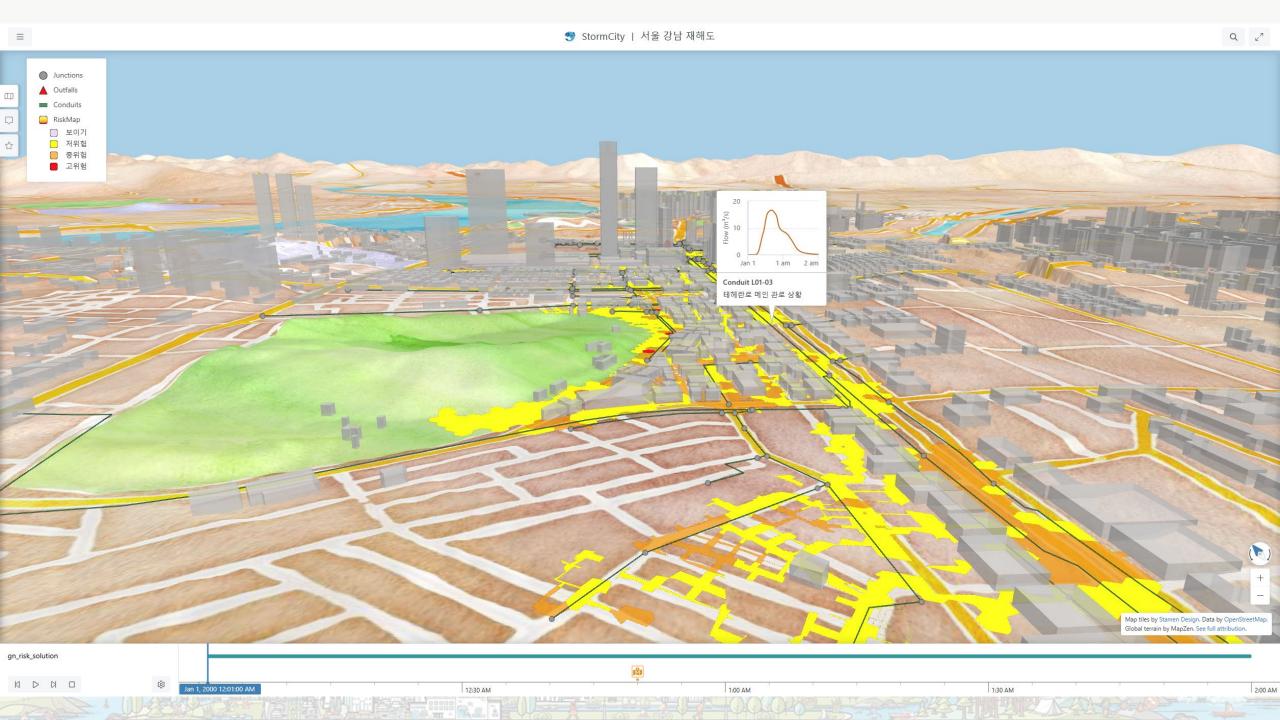
Turning on the velocity tracers can provide a clearer indication of the computed flood water velocity.

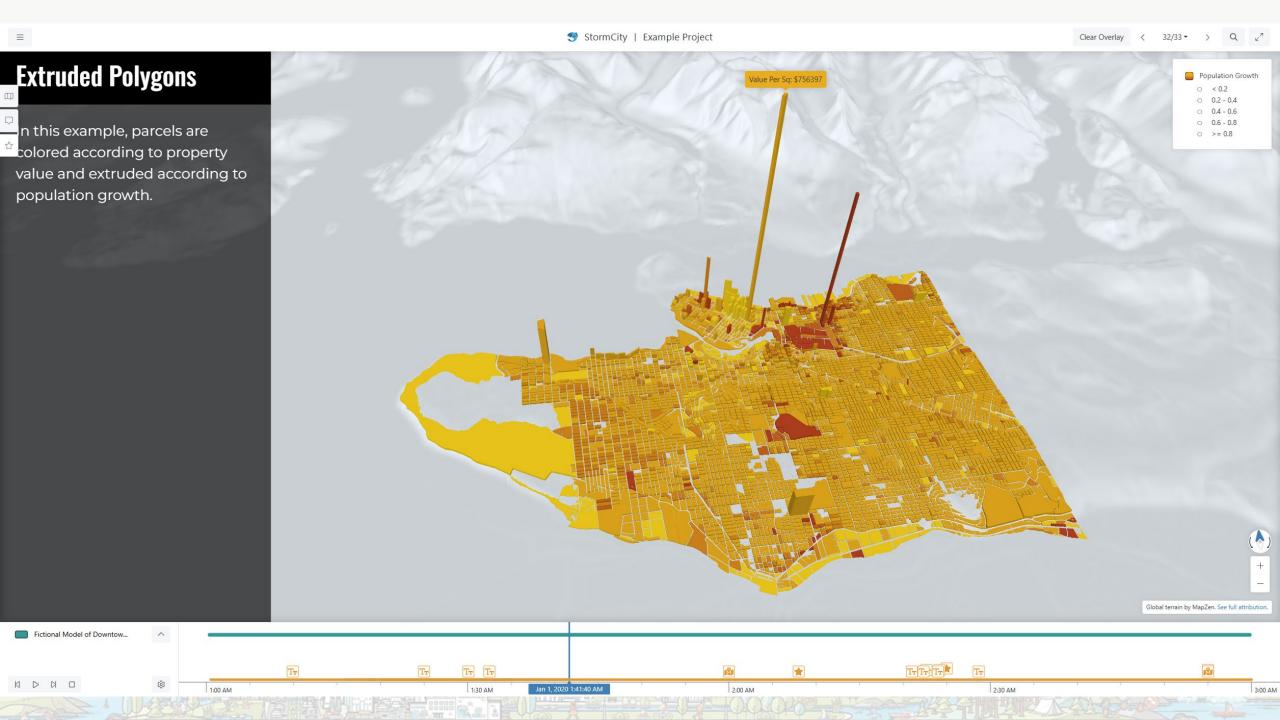
The color rendering of the water surface changes depending on the selected background map, so that the flood extent is clearly visible.

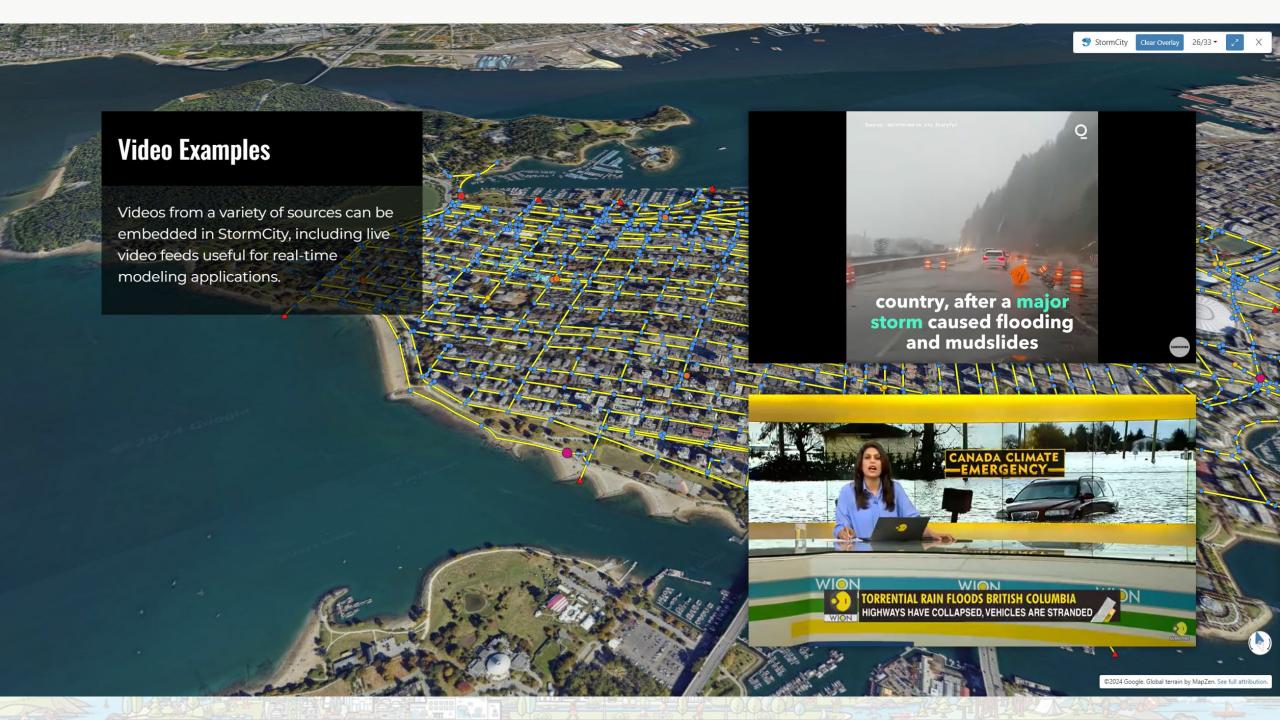




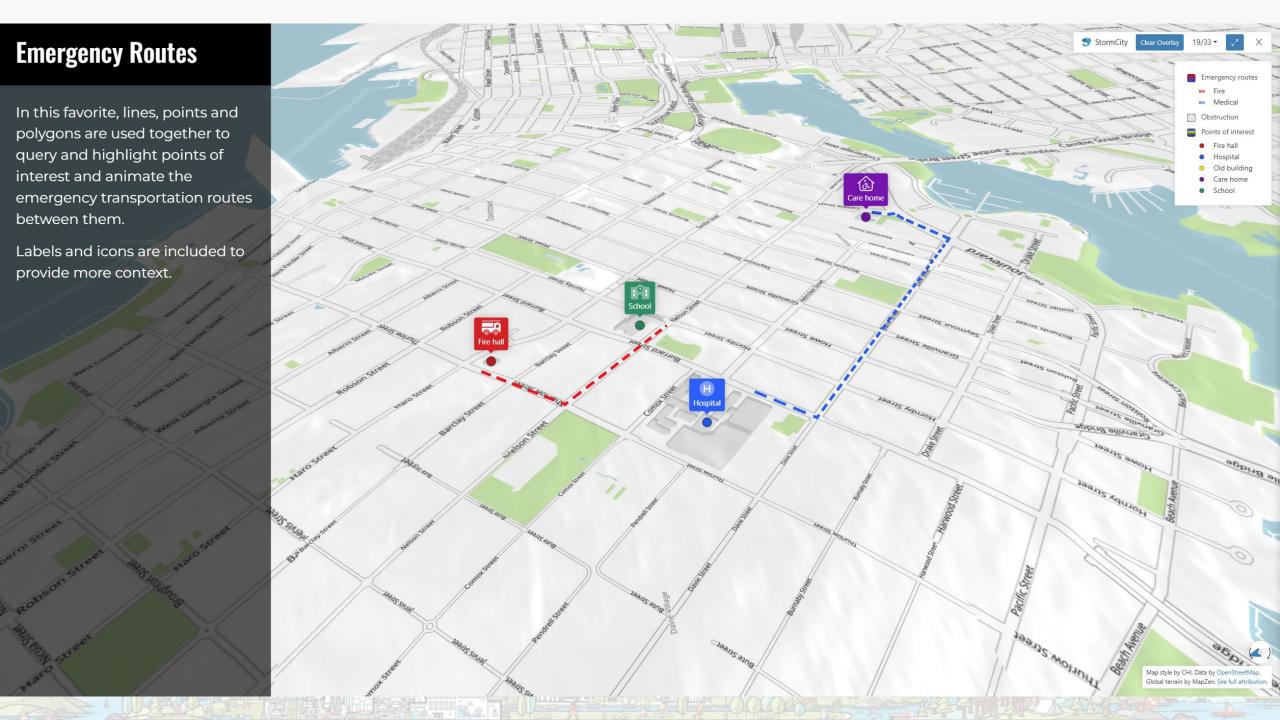


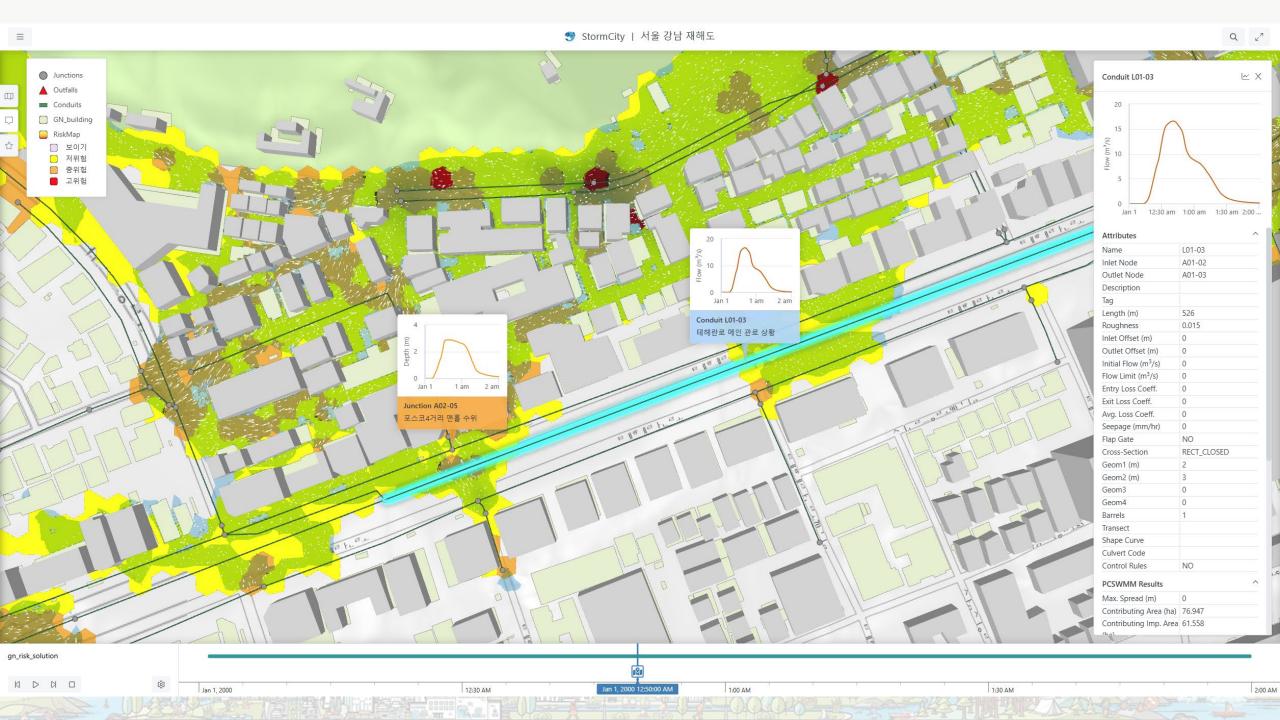












도시침수모델의 미래: StormCity



- 지자체의 실시간 침수 예보 및 경보 시스템
- 기상청 강우 예보 레이더와 실시간 연결
- 맨홀 및 하천 수위계와 실시간 연결
- 침수 예상 시각, 지점, 침수심 표출
- 담당자 PC, 스마트폰에서도 확인
- 침수 재해 최소화 & 복구비 절감
- 대민 안전 서비스 기능 대폭 확충
- 비전문가도 빠른 이해, AI 학습 효과…





