

## The case of detention basin with the concept of sponge city

Zoe Lin<sup>1</sup>, Michael Liu<sup>2</sup> and Hermina Ho<sup>3</sup>

<sup>1</sup> Technical Manager, Gold-Joint Industry Co., Ltd.

<sup>2</sup> Chief Engineer, Gold-Joint Industry Co., Ltd.

<sup>3</sup> Technical Engineer, Gold-Joint Industry Co., Ltd.

### Abstract

The paper presents the design and result of a case study by using variety geosynthetics for building a detention basin to successfully control the flood of the nearby area. The core concept of design is the principle of sponge city and green engineering which mainly demand to create a safe, low impaction, ecology and sustainable environment.

If you want to read more information about this paper or any academic cooperation, please [contact us](#).