

# Round Tableon “Bathing waters: the potential risks for urban wastewater management in consideration of the effects of climate change”

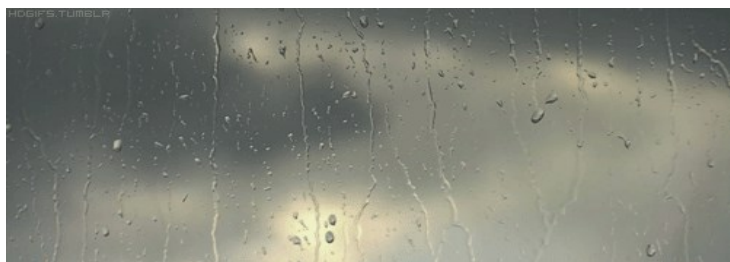
Marche Region | Luigi Bolognini

**6th Annual EUSAIR Forum**

| 10th May 2021

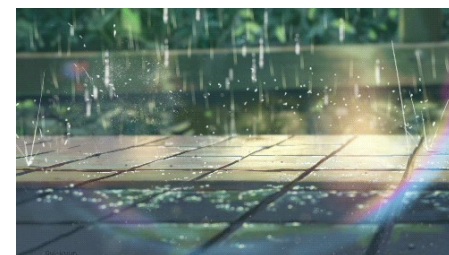
# Effect of the climate change in the urban areas

1900



During XXI century regular distribution in each Seasonal

2000

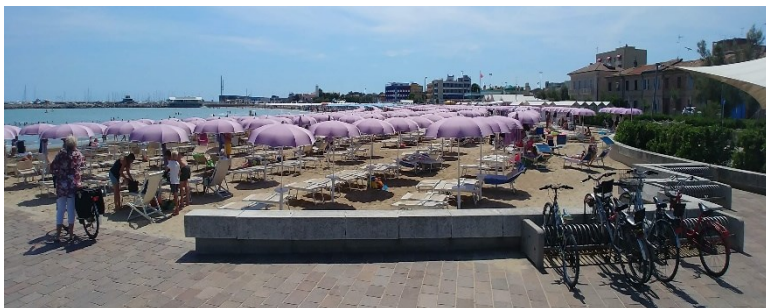


more intense rain and in less time

2021



XXII century irregular distribution in each Seasonal



During the summer, coastal cities increase the population and the load on sewage systems



Sewer network of part of the urbanized area



overflowing

rigurgiti



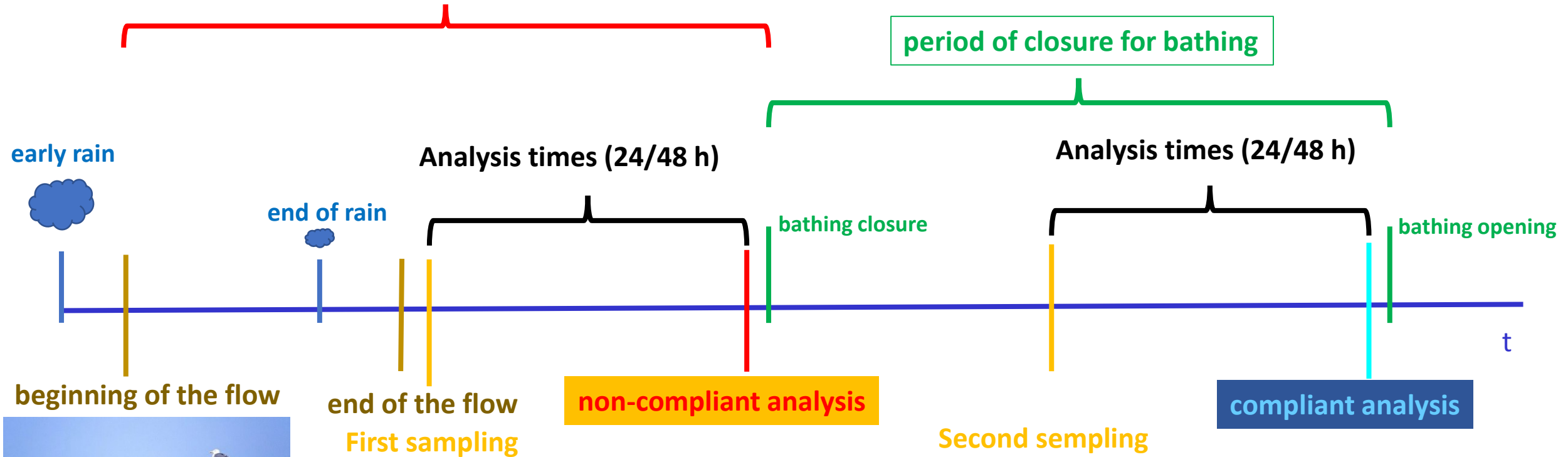
flooding





# analytical times that represent a limit of the Italian standard

period of non-compliance and not prohibited



## Impacts on bathing water - measures to be taken

the responses to management and infrastructural works to contain the overflows of urban waste water are indicated of the WATERCARE project



### WATERCARE

Water management solutions  
for reducing microbial  
environment impact  
in coastal areas

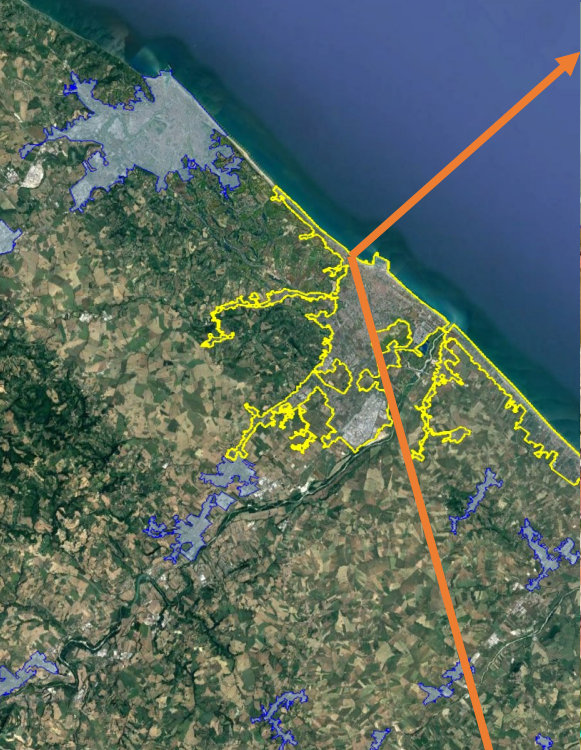
*SEA what we are doing here?*  
*#investinsea*











First rain tank for urban waste water

Urban wastewater flushing device





Construction area of the first rain tank



Internal view of first rain tank