

ZAVOD ZA OBNOVU DUBROVNIKA

Institute for the Restoration of Dubrovnik



40 godina iskustva iz obnove Dubrovnika
40 years of restoration of Dubrovnik

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Ravnateljica

Zavod za obnovu Dubrovnika

Grad
Dubrovnik
55%

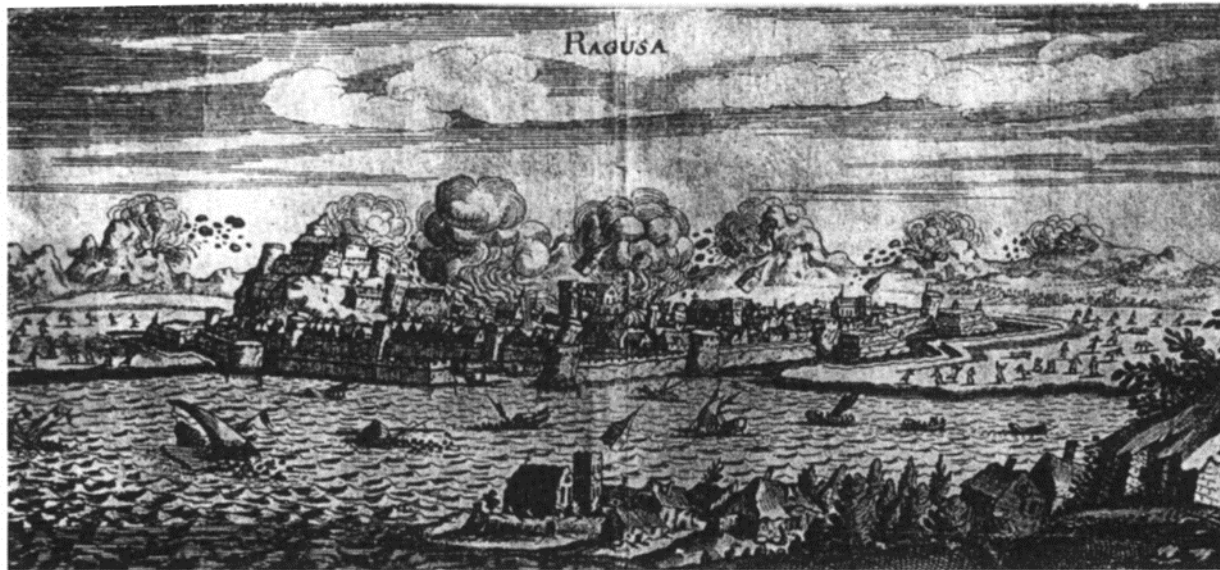
Ministarstvo
kulture RH
35%

Dubrovačko
Neretvanska
županija
10%

- Osnovan Odlukom Skupštine Općine Dubrovnik 10. listopada 1979. godine, kao specijalizirana institucija za organizaciju i koordinaciju poslova na obnovi objekata stradalih od potresa 15. travnja 1979.
- Zakon o obnovi ugrožene spomeničke cjeline Dubrovnika od 6. svibnja 1986. g.
- Izmjenama i dopunama Zakona o obnovi spomeničke cjeline Dubrovnika od 7. studenoga 1999. g. Zavod za obnovu Dubrovnika osnovan je kao javna ustanova kojoj su osnivači Republika Hrvatska sa udjelom od 60%, Grad Dubrovnik i Dubrovačko-neretvanska županija sa po 20%.
- Zakon o izmjenama Zakona o obnovi ugrožene spomeničke cjeline Dubrovnika od 20. veljače 2014. Osnivači Zavoda su Grad Dubrovnik s udjelom od 55%, Republika Hrvatska s udjelom od 35% i Dubrovačko-neretvanska županija s udjelom od 10%.

Potres 6. travnja 1667.

- 3000 poginulih
- 10° MCS
- Tsunami
- 20 dana požara nakon potresa

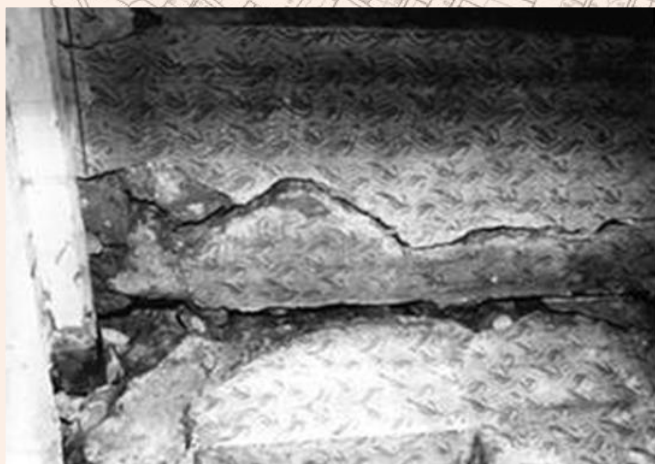


The earthquake of 6 April 1667. Print in Dubrovnik Museum (The Rector's Palace)

Potres 1979. (7° MCS)

- Oštećeno 1071 građevina, među kojima 89% spomenika kulture najviše kategorije
- U povijesnoj jezgri (850 objekata), po procjeni šteta 80 objekata proglašeno neuseljivima zbog oštećene ili teže oštećene konstrukcije, a na 240 zgrada evidentirana oštećenja konstrukcije.
- Procijenjena šteta 436.437.380 USD
- Struktura zgrada dodatno oštećena u potresima 1995. i 1996.

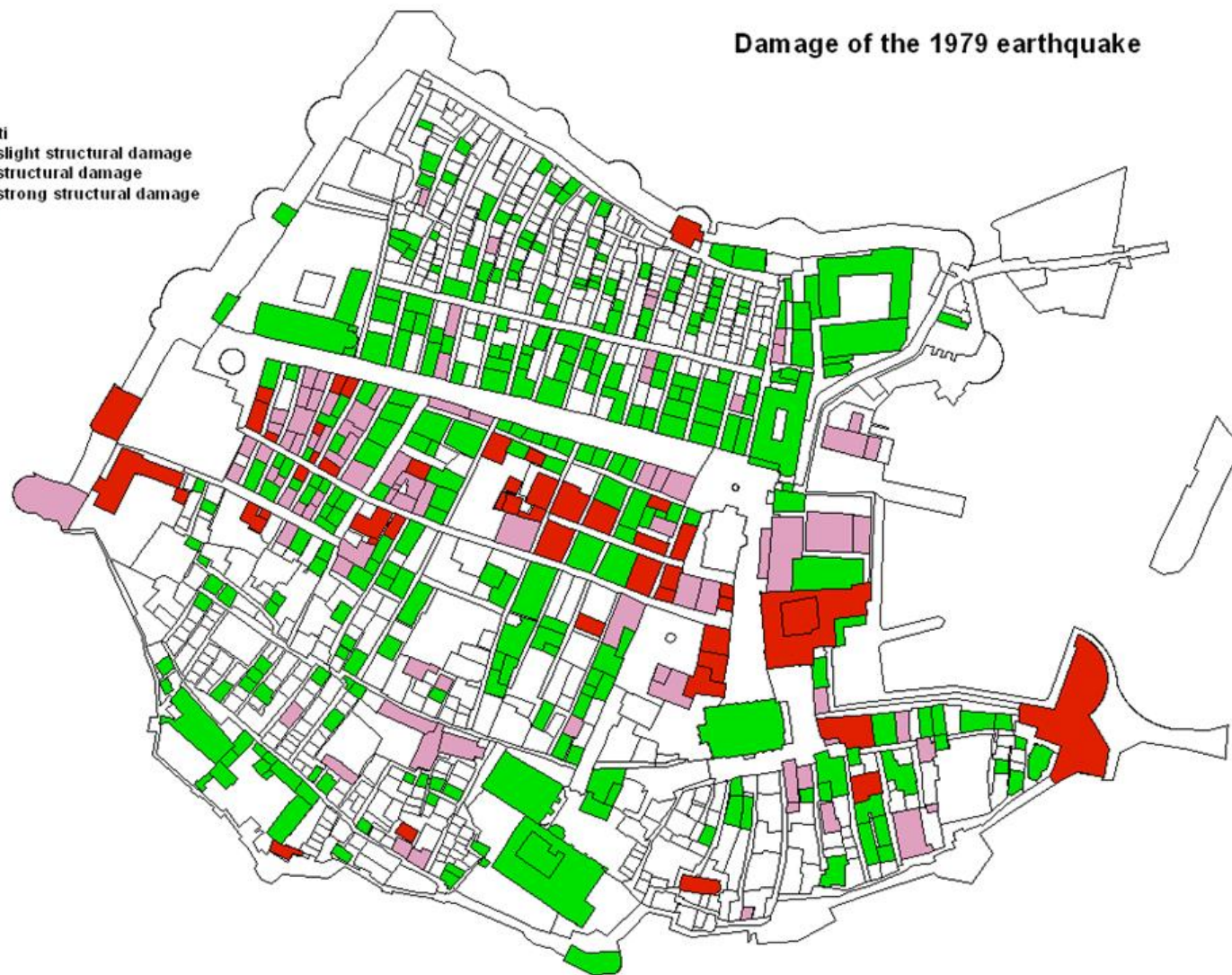


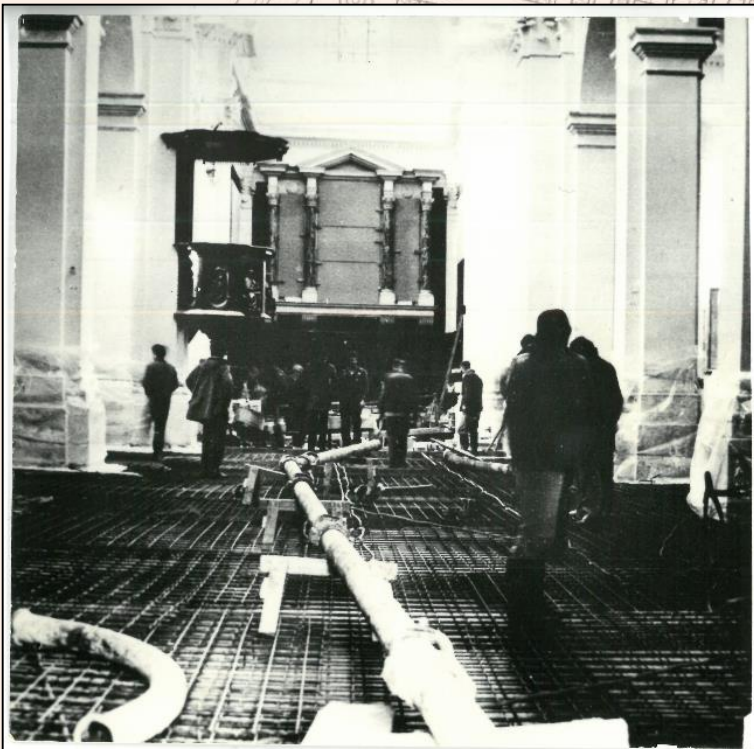
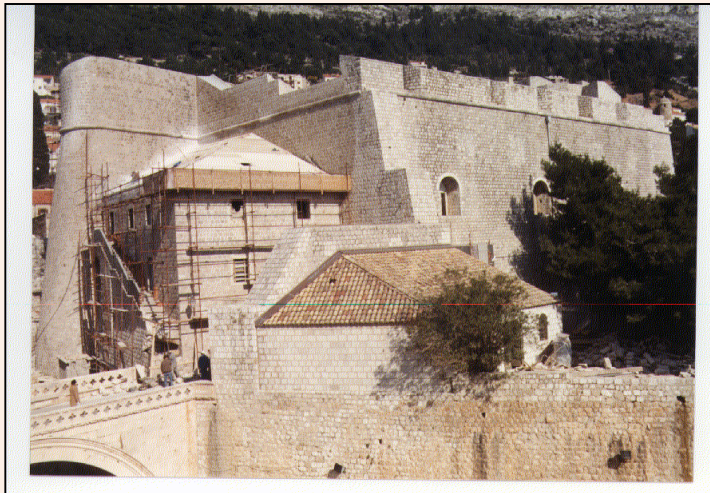


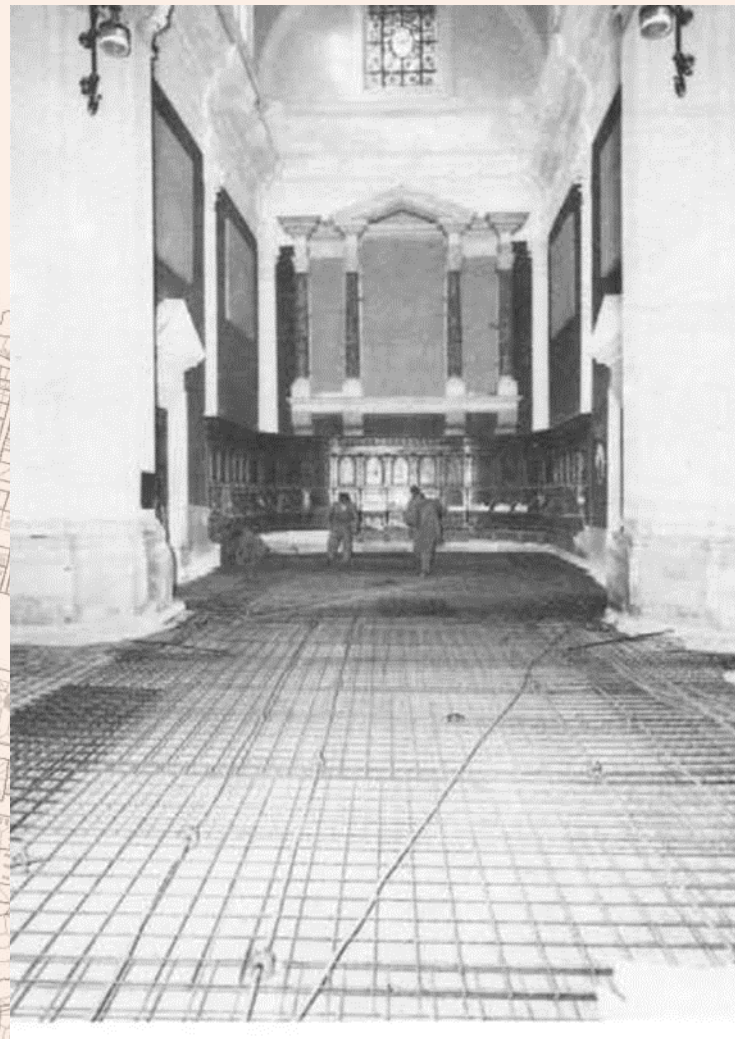
Damage of the 1979 earthquake

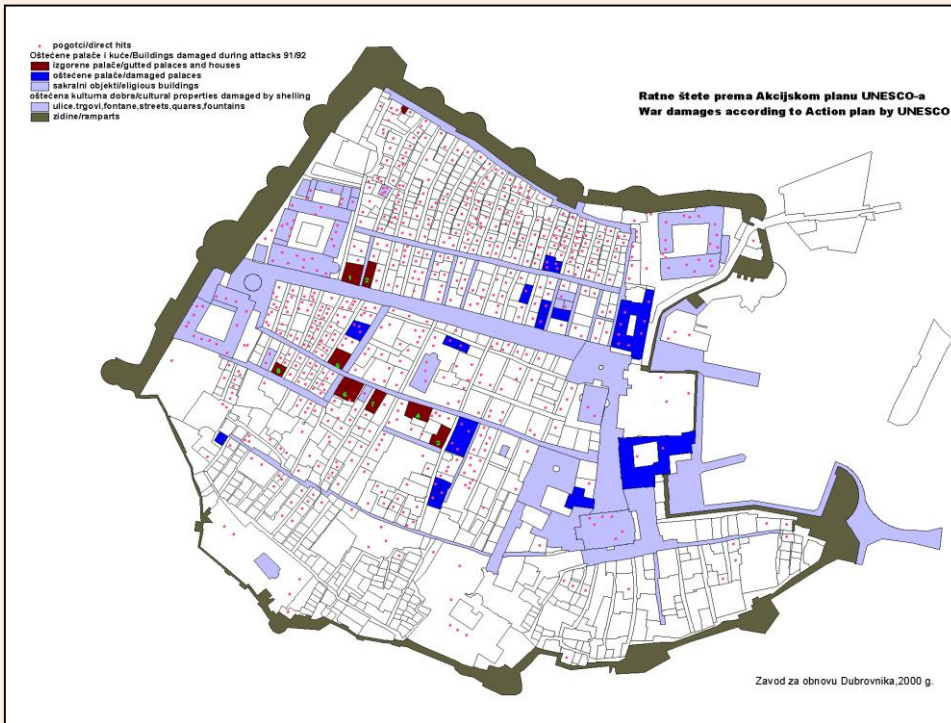
Objekti

- slight structural damage
- structural damage
- strong structural damage



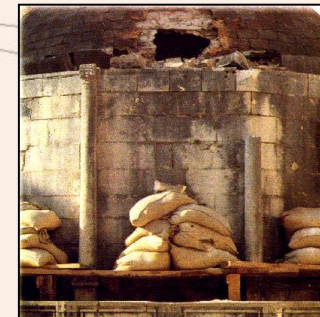
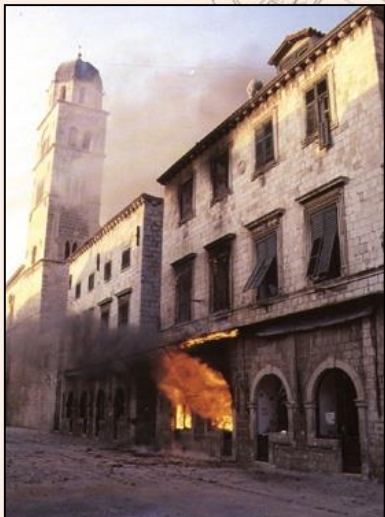


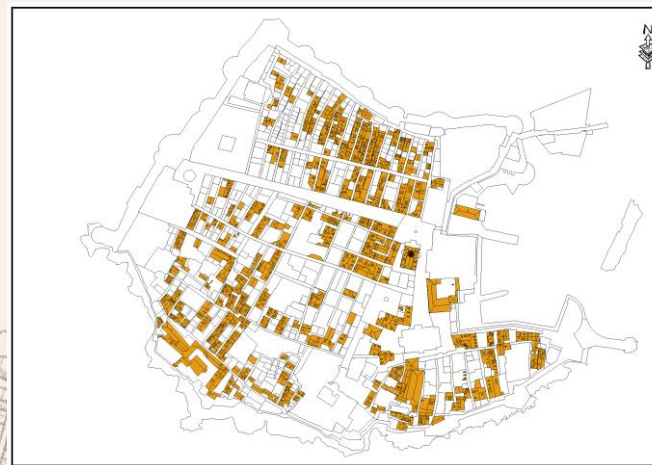




Ratna razaranja 1991.-1995.

- oštećena 382 stambena, 19 sakralnih i desetak javnih objekata, a s krovovima ukupno 594 objekta ukupne površine 192 338 m².
- devet zgrada pogodeno zapaljivim projektilima
- Oštećene fontane, pločnici ulica i trgova, kamena plastika, gradske zidine
- UNESCO akcijski plan





Sanacija krovova

- Specifičnost dubrovačkih krovova – pokrov kupom kanalicom ugradnjom u vapneni mort
- Od 1993. do 2020. putem Zavoda obnovljeno 38 tisuća m² krovova

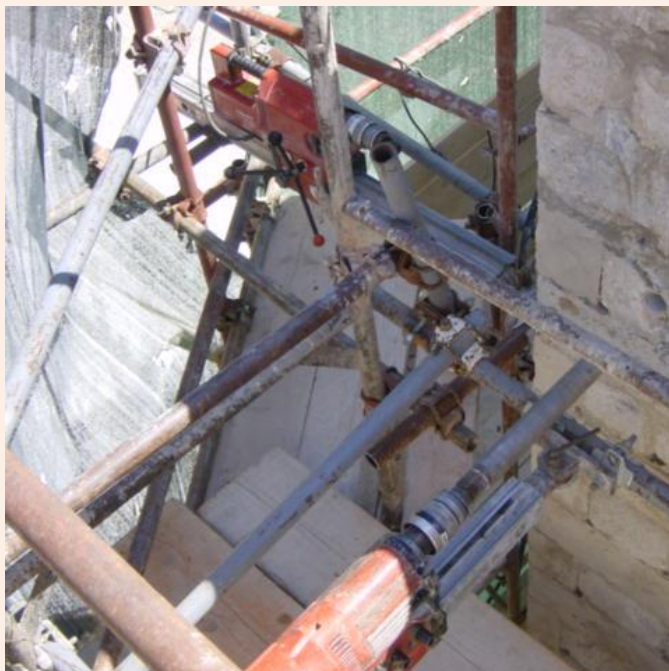




Aseizmička sanacija blokova zgrada - temeljna djelatnost Zavoda

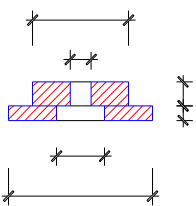
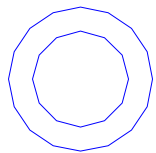
- Od 2000. do 2020. putem Zavoda izvedeni radovi na 45 bloka zgrada (208 objekta)
- Injektiranje kamenih zidova
- Ugradnja prstena oko zgrada od zatega od nehrđajućeg čelika





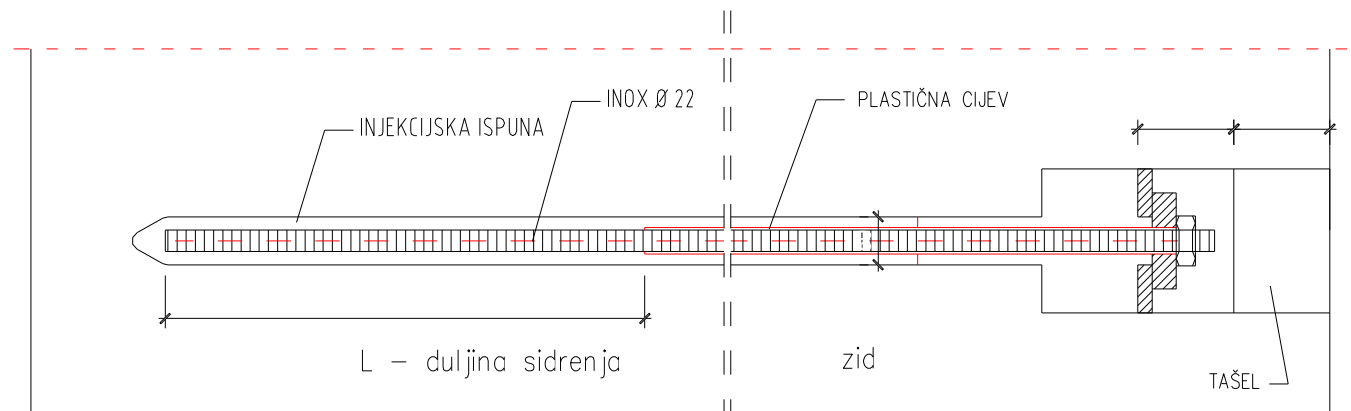
B. JEDNOSTRANO SIDRENJE

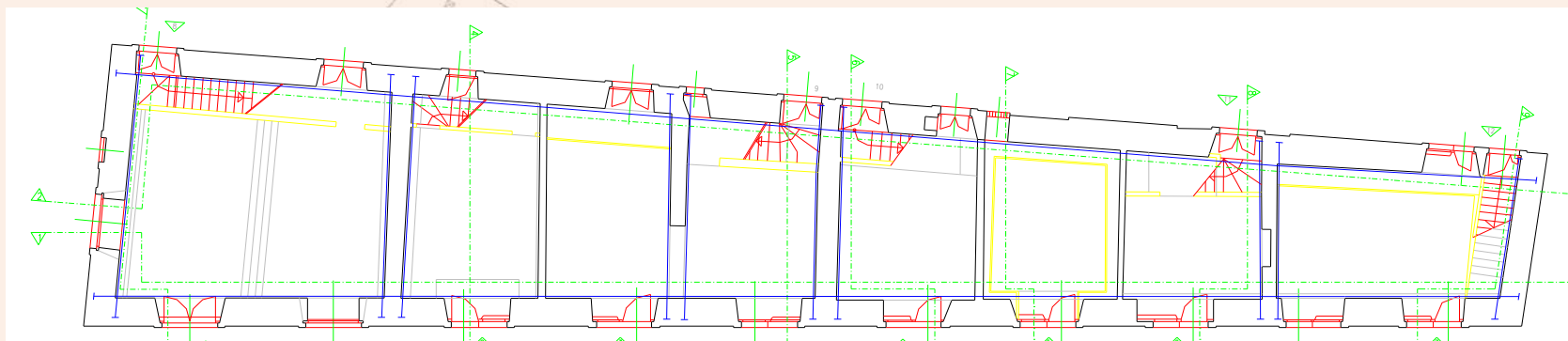
ČEONA PLOČA



INOX LIM \neq \varnothing 150/15
INOX LIM \neq \varnothing 100/25

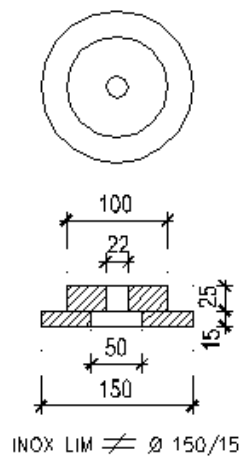
PRESJEK



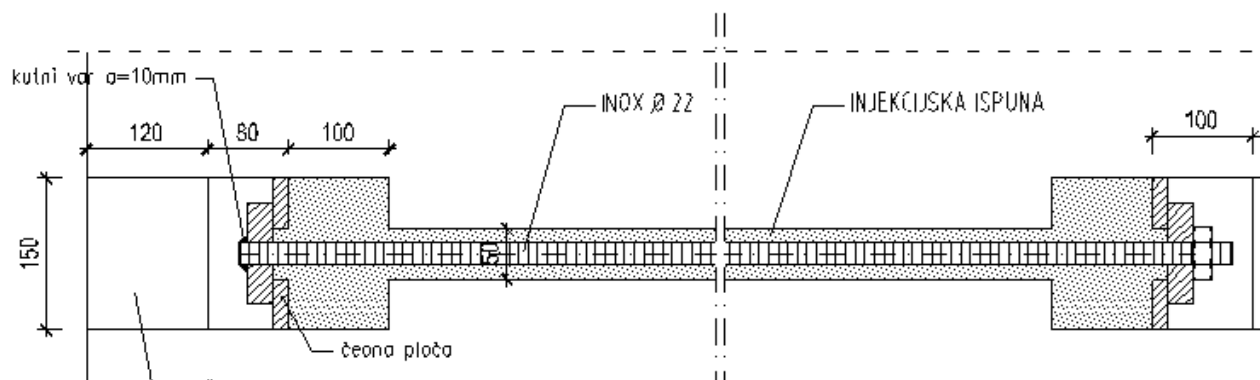


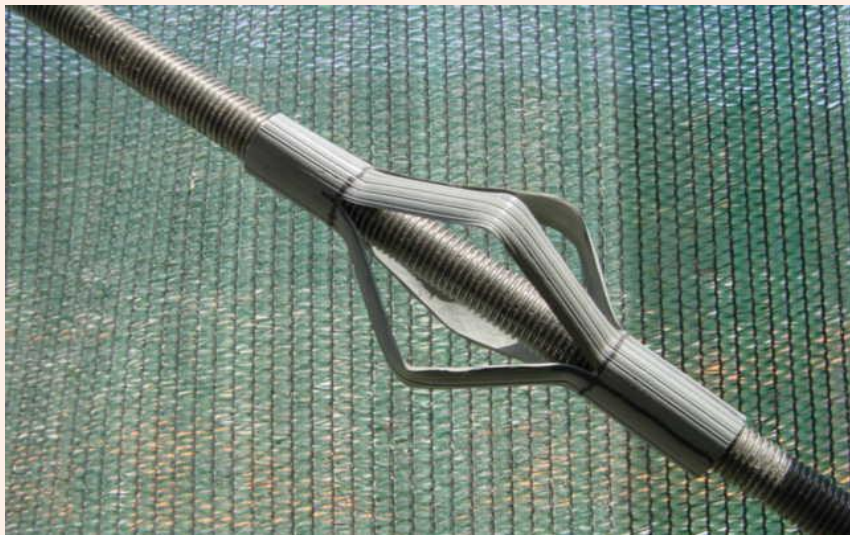
A. OBOSTRANO SIDRENJE

ČEONA PLOČA



PRESJEK

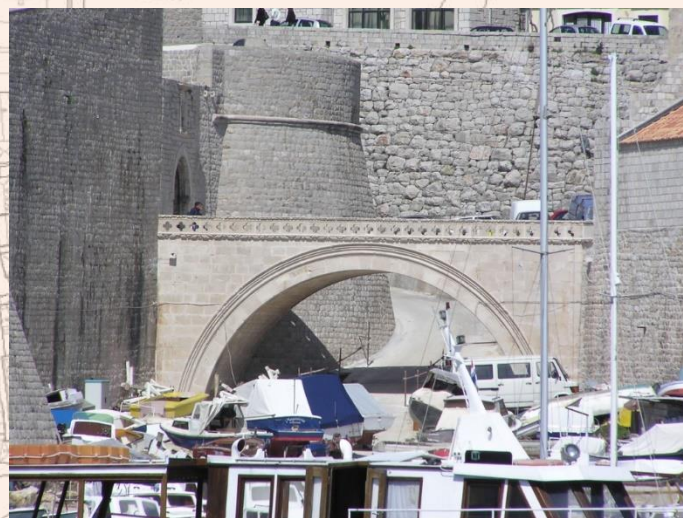










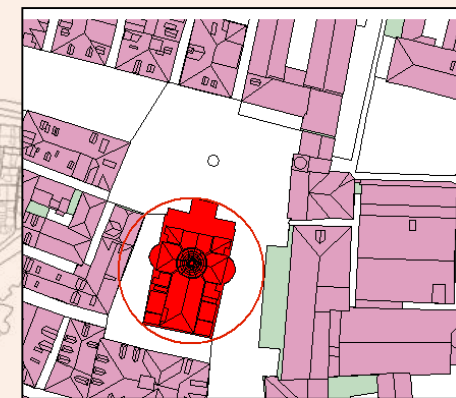
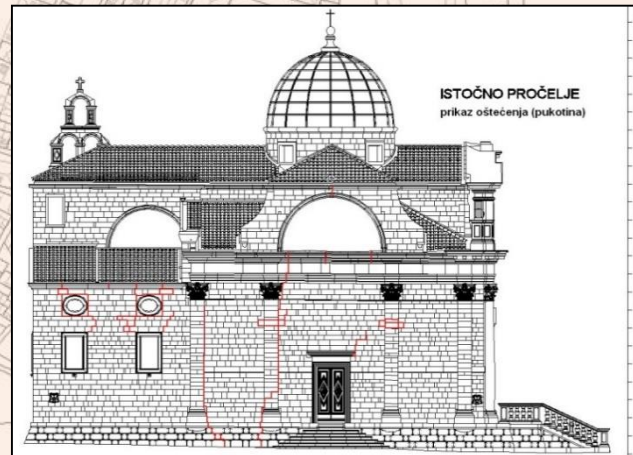
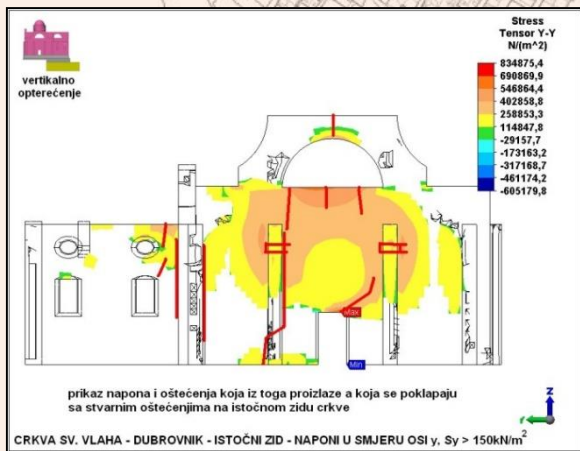
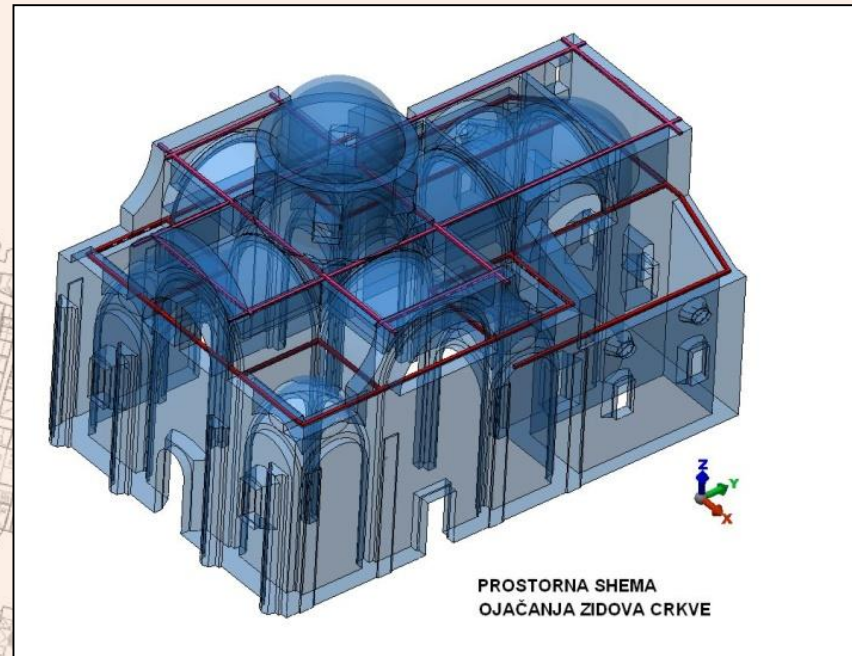


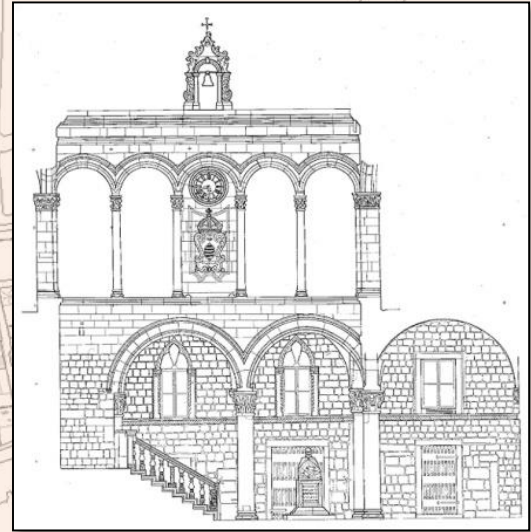


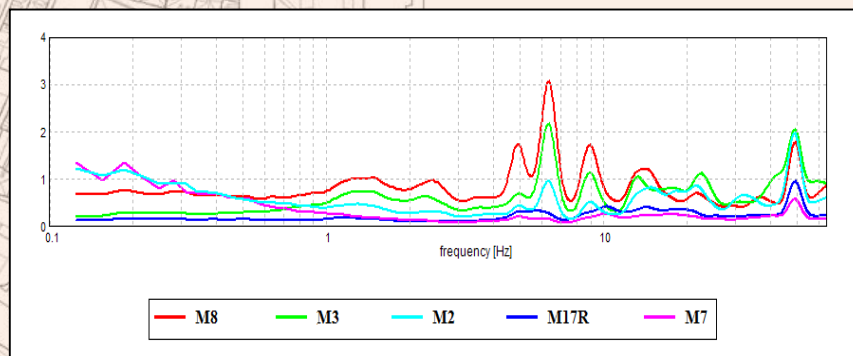
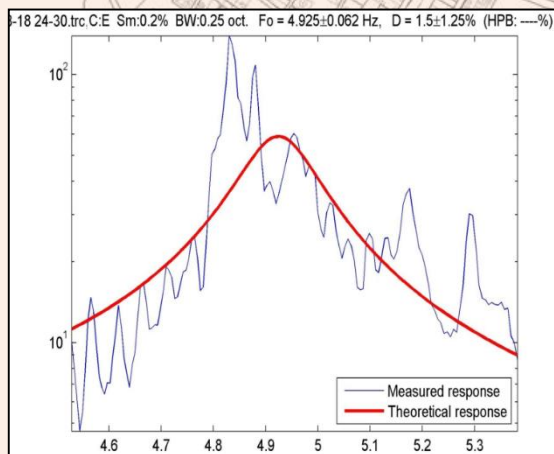
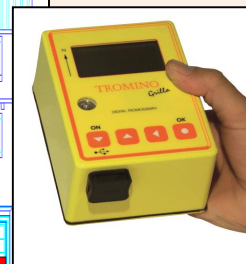
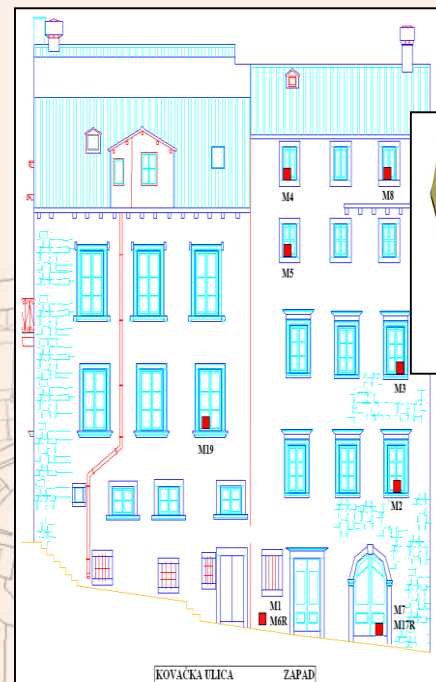
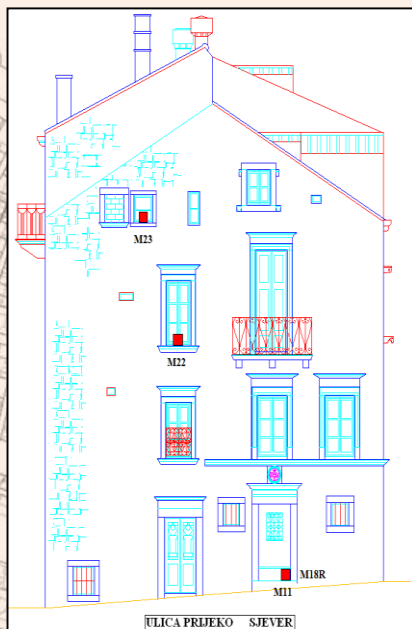
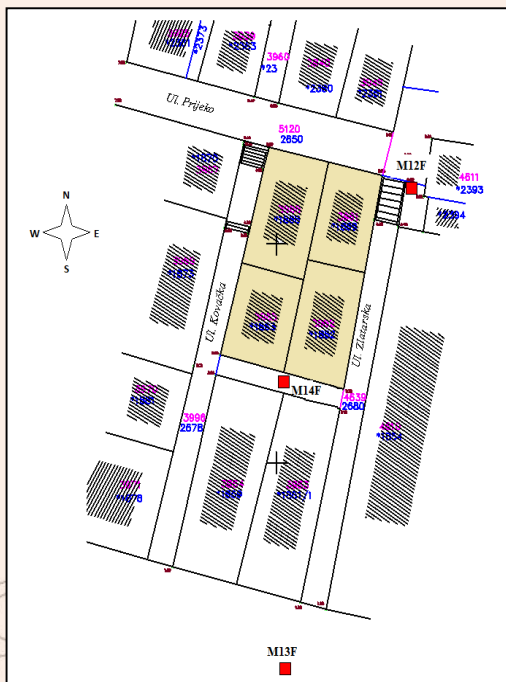
Legend

- 2000>
- 2001
- 2002
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- 2013
- 2014
- 2016
- 2019



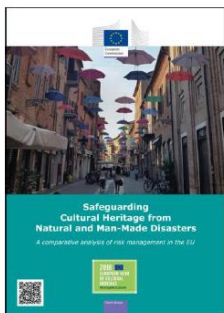






Plan upravljanja dobrom svjetske baštine Dubrovnika

- UNESCO operativne smjernice
- Jedan od šest prioriteta – UPRAVLJANJE RIZIKOM !!!



- 2018 - **Safeguarding Cultural Heritage from Natural and Man-Made Disasters**

[Link](#) to the Study

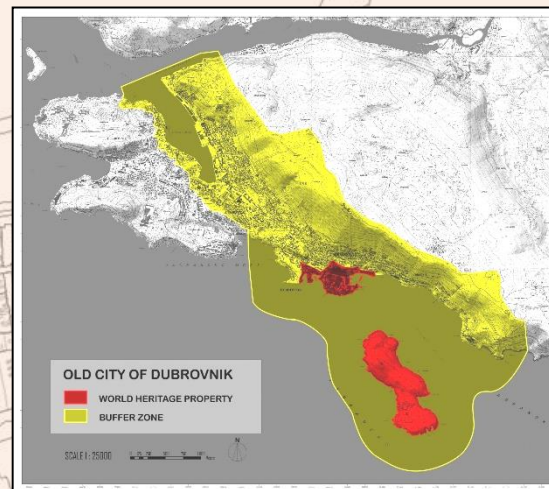
To contribute to **integrate cultural heritage into national disaster and risk reduction strategies** developed by EU Member States.

- **Information** available at EU / international level
- Mapping **strategies and tools** in 28 EU Member States
- **Recommendations** at European level.



60 EU-funded research projects on Risk management and CH! (**48 EU - 12 local**)
+ 35 other useful projects !

OUR HERITAGE:
 WHERE THE PAST
 MEETS THE FUTURE





Hvala na pozornosti!

Mihaela Skurić
Zavod za obnovu Dubrovnika