

Project 1.4.7 Image Manipulation



Loic Scomparin & Sragvi Vadali

Client Description

Client	Natural Waters Defense Foundation (NWDF)
Objective	Advocate for proper disposal of trash/no dumping in oceans and environmental cleanup of trash that is already there.
Problem Statement Highlights	<ul style="list-style-type: none">- Show illegal and legal dumping of trash and chemicals in waterways and surrounding land.- Create and manipulate images to effectively show the issue and prompt people to donate, volunteer, or reduce waste output.

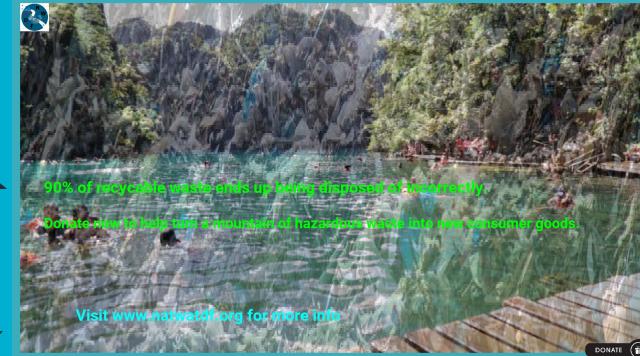
Image #1 Manipulation Sequence



Text → ImageDraw()

blend()

paste()



DONATE



Variation- User can change text on image and border features

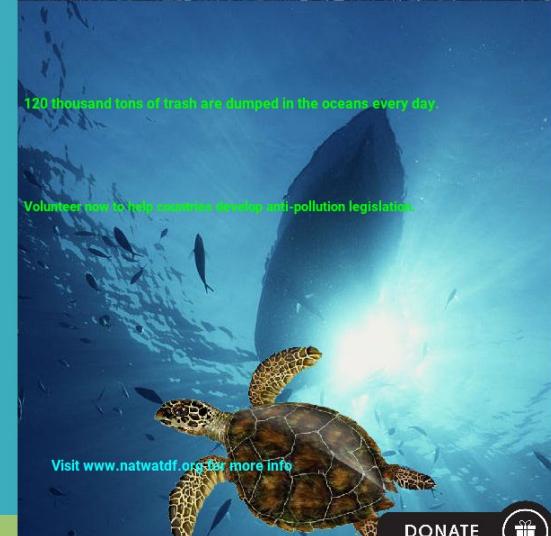


Image #2 Manipulation Sequence



paste

resize()





120 thousand tons of trash are dumped in the oceans every day.

Volunteer now to help countries develop anti-pollution legislation.



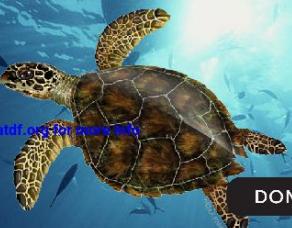
Visit www.natwtdf.org for more info

DONATE



Illegal dumping threatens some of the most productive fisheries in the world.

Donate now to fund stringent anti-dumping regulations.



Visit www.natwtdf.org for more info

DONATE



Variation- User can change text on image and border features



Image #3 Manipulation Sequence



Grayscale operation



paste()

Variation- User can change text on image and border features



Image #4 Manipulation Sequence



resize()

blend()
resize()



Variation- User can change text on image and border features



New vs Old

Original



New



New Version 2



Original



New



New Version 2



Original



New



New Version 2



Original



New



New Version 2



Thank you