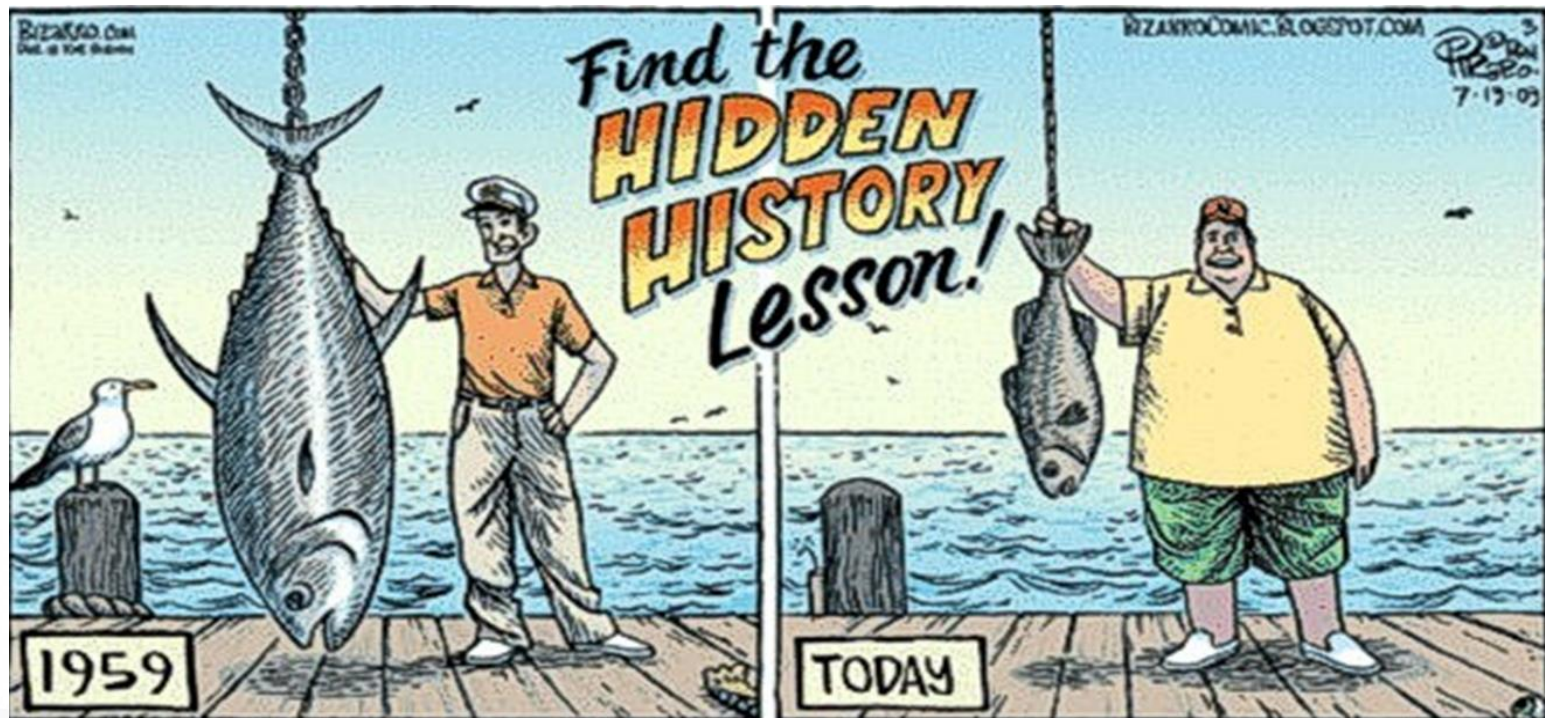


A MANAGED-ACCESS APPROACH TO SUSTAIN SMALL SCALE FISHERIES MANAGEMENT IN SOUTHEAST SULAWESI, INDONESIA



Handoko Adi Susanto,
Larissa Horta, and
Muhammad **Alfian**

Case Study of Kolono Bay



Case Study of Kolono Bay



SOUTHEAST SULAWESI PROVINCE



Bulu Rantemario

SULAWESI SELATAN

SULAWESI TENGGARA

Kolono

Gulf of Boni

Pulau Muna

KOLONO BAY



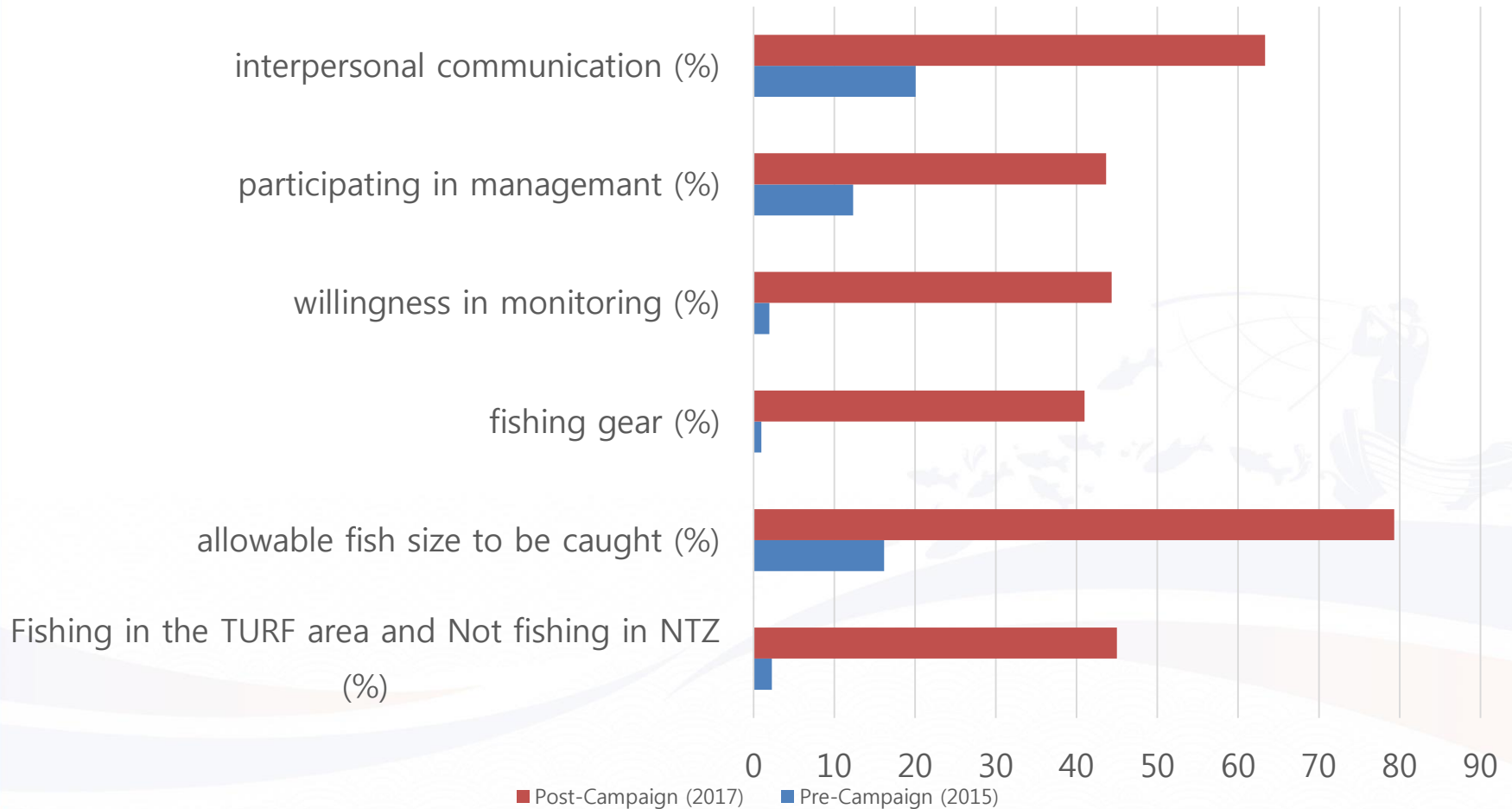
Description of the Fishery

- Total population: 3,000 people; 362 fishers; fishing boats mostly less than 5 GT, artisanal fishery
- Gear: mostly using hook and line, gillnet
- Commodity: grouper, snapper, rabbitfish, squid, emperor fish, giant trevally, threadfin breams, black pomfret and mackerel
- Few hours to a full day fishing around the bay
- They are facing an open access regime and destructive fishing
- Communities with support from government established community surveillance group



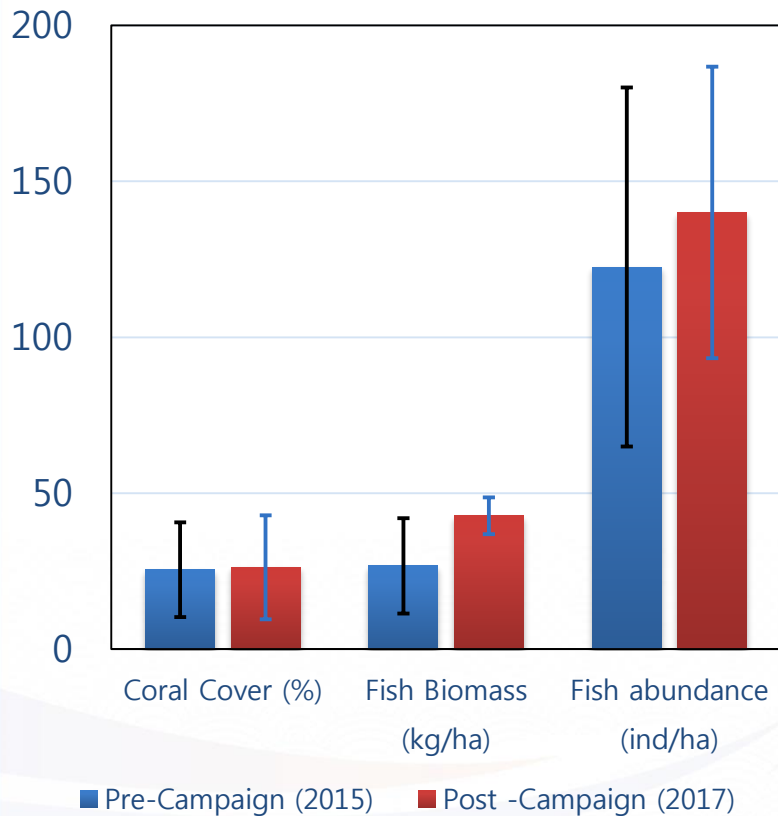
Result to date

Behavior Change



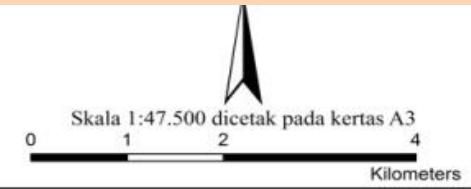
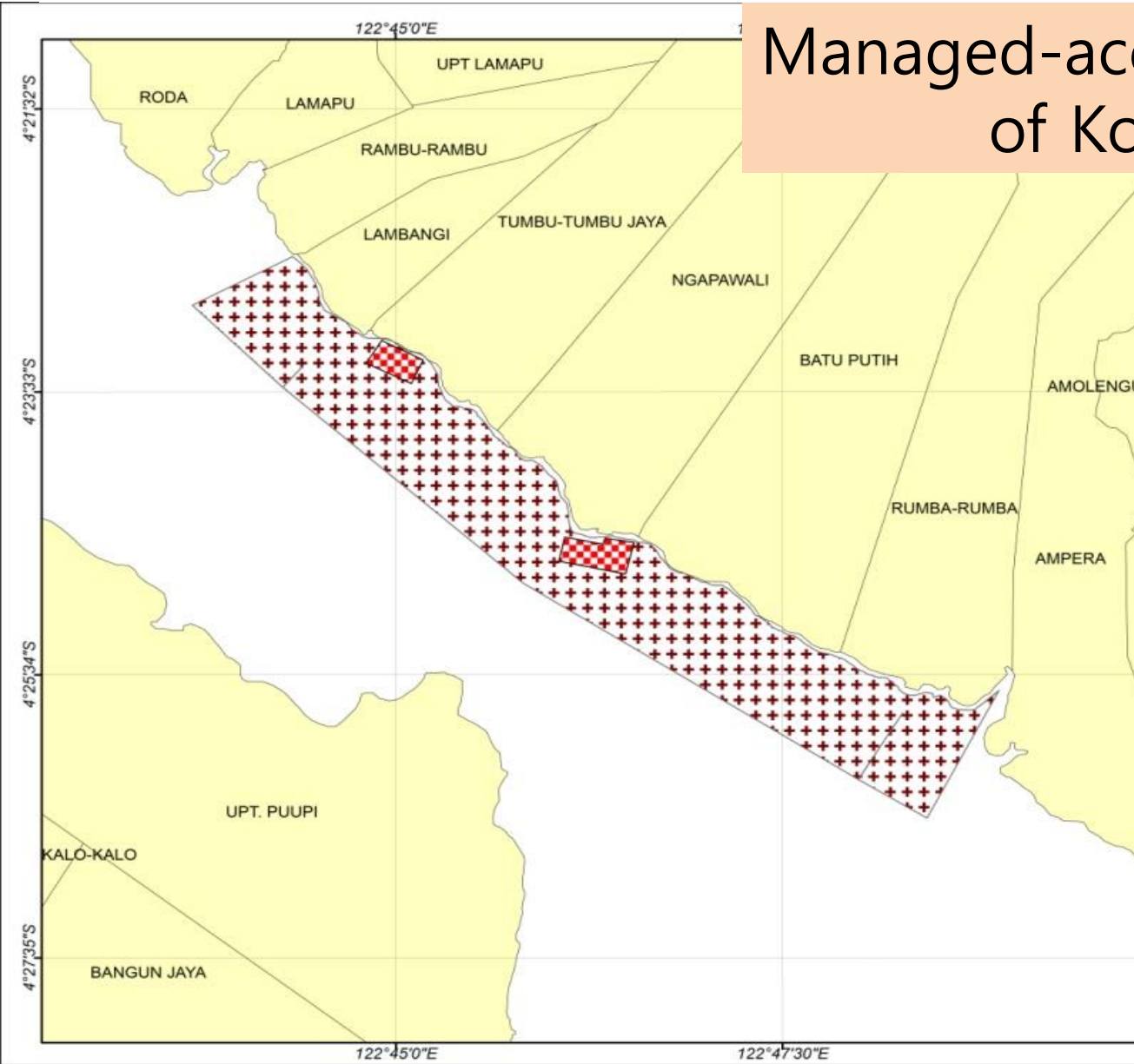
Result to date

Coral Cover, Fish Biomass, and Fish Abundance



Element	Result
NTZ	50 ha
Managed Access	1264 ha
# of villages	5 villages
Harvest control rules	Mgt Planning, No take area, gear restriction
Target species	Groupers and snapper
Management body	Forum Peduli Laut Teluk Kolono
Member of Forum	62 people (35 only at beginning)

Managed-access with reserve of Kolono Bay



Legenda	
Kolono	
Name	
	Kawasan Larang Ambil (KLA)
	Pengelolaan Akses Area Perikanan (PAAP)

Luas PAAP	: 1264.08 Hektar
Luas KLA	: 49.89 Hektar

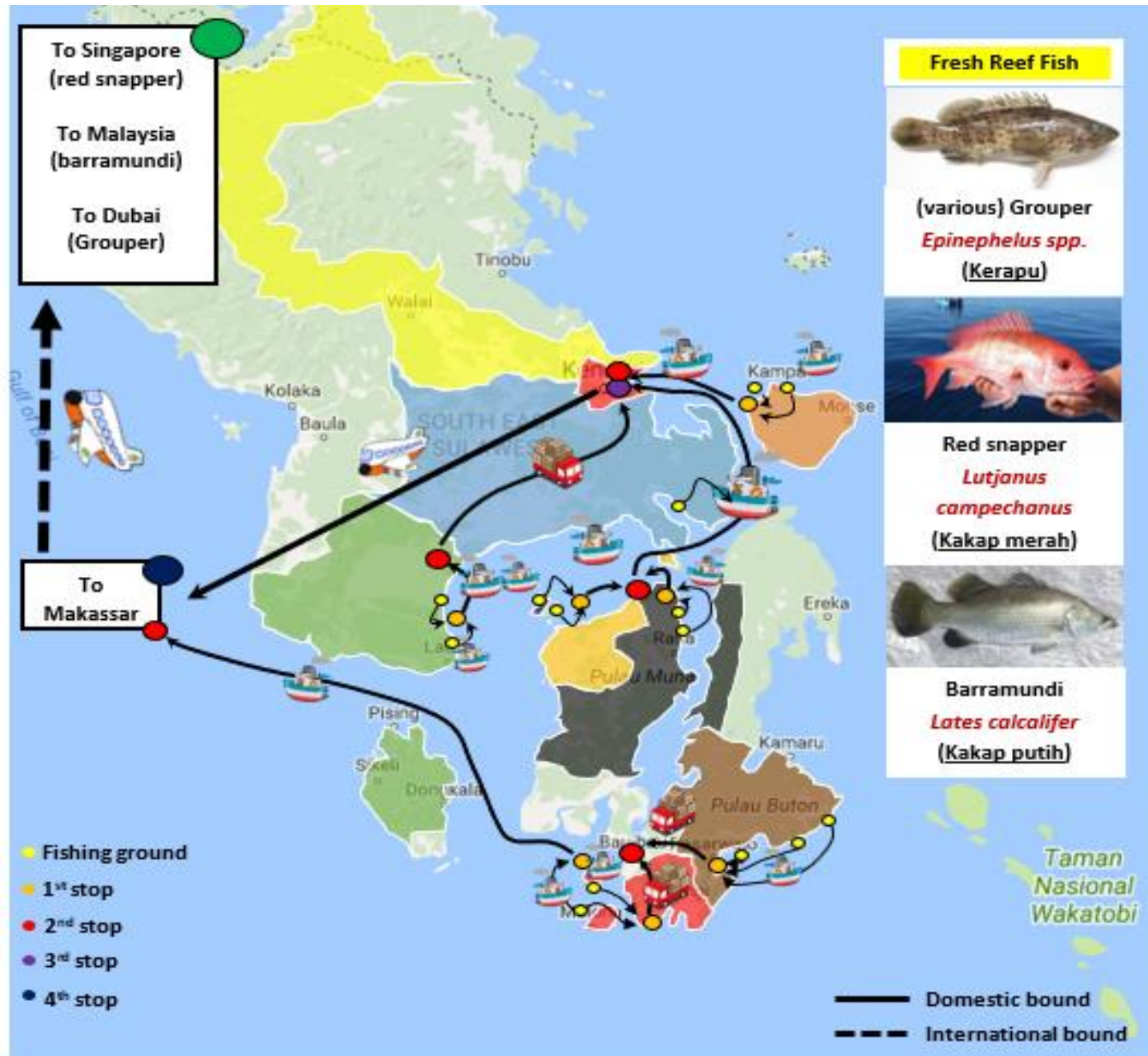
Sumber Peta:
1. Peta Rupa Bumi Indonesia BIG 2014



Managed-Access with Reserve Status

- Managed-access is a form of Territorial Use Rights in Fisheries (TURF), transition away from open access
- Managed access with reserves is a community rights-based fisheries management approach that provides coastal communities with exclusive access for fishing in defined areas, and in which protected areas (i.e., reserve, or no-take zones) are established inside or at the adjacent areas.
- Spill over effect and export larvae from the reserve or no take area will help speedy recovery of the stock/recruitment of the resource.

Source and market for grouper and snapper in SE Sulawesi Province

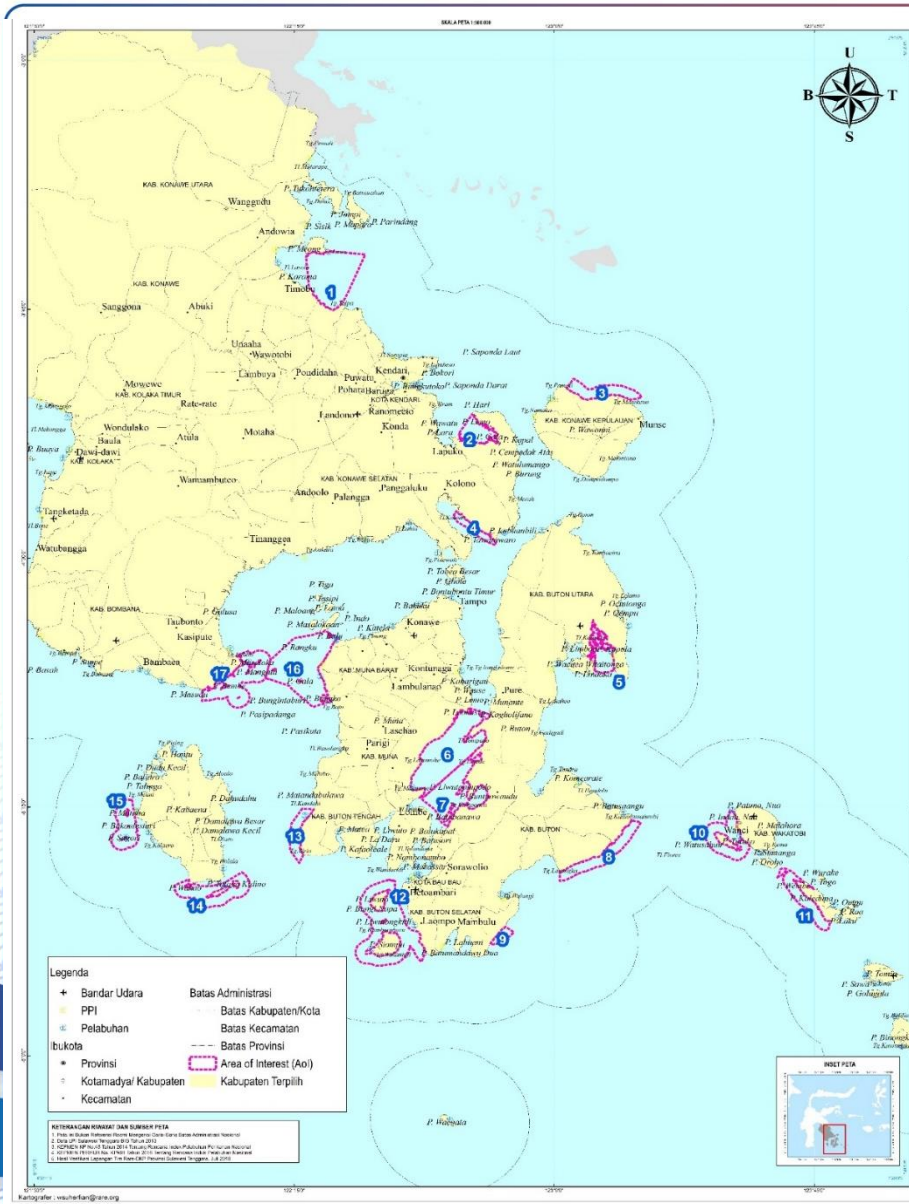


Current Legal and Management Status

- Two marine reserves have been established through Decree of Village Head; while managed-access area established through Joint-agreement (Five villages)
- Communities with support from government and Rare also established Kolono Bay Care for the Sea Forum in 2015, as the management body.
- The forum has formally proposed the managed-access area with reserve to provincial government
- Provincial government has assessed the area and capacity of the forum
- Expecting the formal recognition from the authority (provincial government)

Challenges and Way Forward

1. Recognition to Kolono bay's managed-access area with reserve is in the process, assessment done last month, and will follow up soon
2. Allocation up to 2 NM of marine waters as priority for small fishers fishing ground, secure through provincial marine spatial planning
3. Further policy development on managed-access with reserve through Governor Regulation; the draft has been finalized and ready to submit to legal bureau soon
4. Budget allocation to support scaling up the success of managed-access with approach.



Lastly, learning from our success in Kolono Bay, Provincial Government of SE Sulawesi and Rare are planning to expand the MA+R approach to many other areas in SE Sulawesi Province

SDGs related

14 LIFE
BELOW WATER

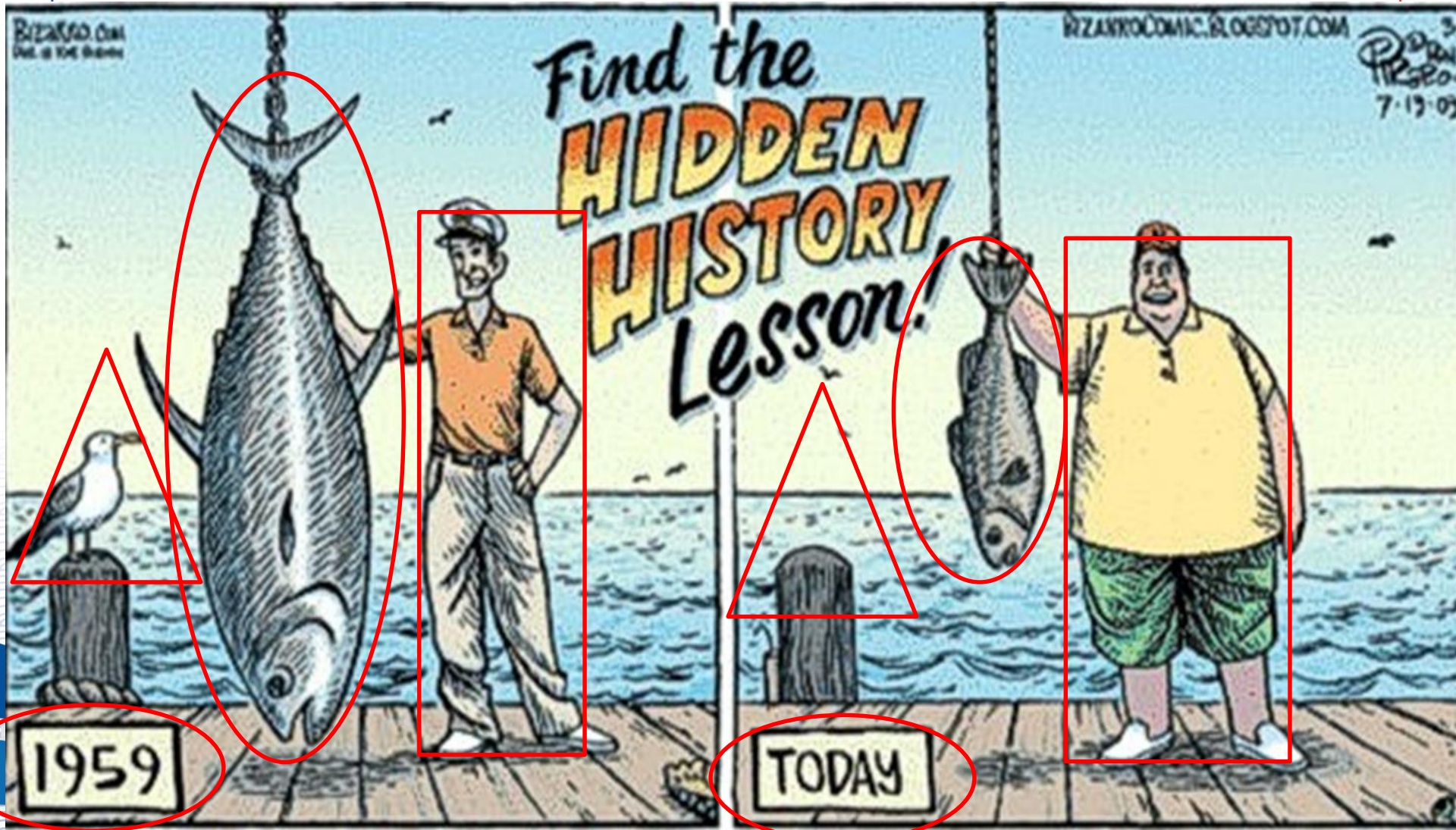


Target 14.2	Sustainably manage and protect marine and coastal ecosystems
Target 14.4	Effectively regulate harvesting and implemented science-based management plans
Target 14.5	Establish a certain amount of marine and coastal conservation areas
Target 14.7	Increase economic benefits to small island developing states from sustainable use of marine resources
Target 14.b	Provide access for small-scale artisanal fishers to marine resources and markets



Find 4 main differences between two pics in my cover slide





Find the HIDDEN HISTORY Lesson!

1959

TODAY

RZANKO.COM.BLOGSPOT.COM

3
P. D. RAY
RZANKO
7-15-09

**Terima Kasih
Thank you
Kamsahamnida**

A decorative background illustration on the right side of the slide. It features a fisherman in a blue silhouette, holding a large net. Several fish are scattered around him, also in blue silhouette. The background is light blue and white, with a subtle pattern of concentric circles at the bottom.