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Figure 1

LULUCF emissions (+) and removals (-), Gt CO$_2$e/y

Four scenarios

- LULUCF projections min - max
- Country 'BAU'
- Pre-(I)NDC (current policies)
- Unconditional (I)NDC
- Conditional (I)NDC

LULUCF historical

Range in country datasets

Year

Figure 2

LULUCF emissions (+) and removals (-), Gt CO$_2$eq/y


Year

FAOSTAT 2016, land use total
This analysis
UNFCCC datasets

IPCC AR5 (Houghton)
Figure 3

**a)**
Emissions (+) and removals (-), GtCO₂e/y

- Countries "land converted to other land uses"
- IPCC AR5 "net land-use change" (anthropogenic effects)

**b)**
Emissions (+) and removals (-), GtCO₂e/y

- Sink reported by countries in "land remaining the same land use"
- Inferred sink not reported by countries because it occurs on unmanaged land or for other reasons discussed in the text

**IPCC AR5:**
- Historical
- RCP 2.6
- RCP 4.5
- RCP 6.0
- RCP 8.5

**This analysis:**
- Historical
- Projection
Figure 4

(a) 2030 Conditional (l)NDC vs. 2030 pre-(l)NDC scenario

(b) Country perspective on emissions reduction in the (l)NDC

Emissions or emissions reduction, Gt CO₂e/y