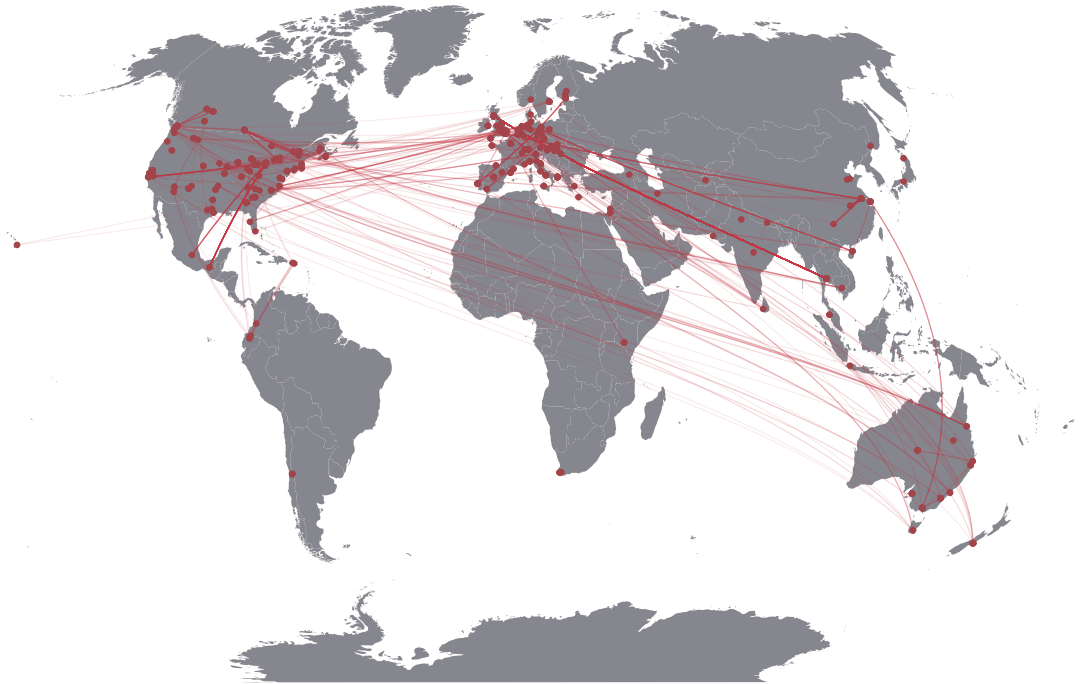


**a)**

$N_{Nodes} = 520$ ,  $N_{Edges} = 1388$ ,  $Diameter = 16$ ,  $Realized\ connectance = 0.01$

**b)**

2000 papers

1500

1000

500

0

1970

639600 papers

479700

319900

160000

200

2021

