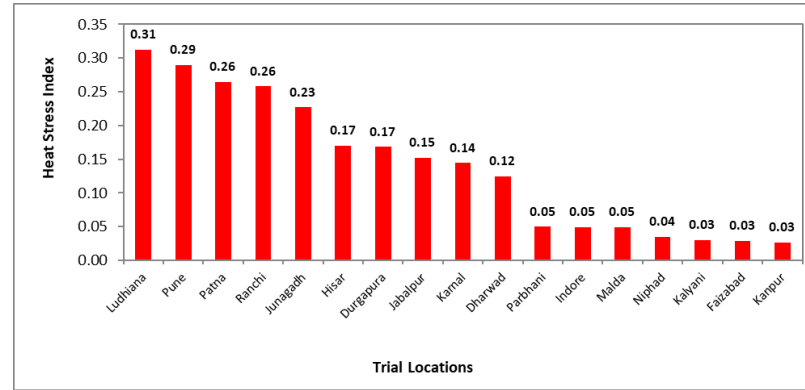
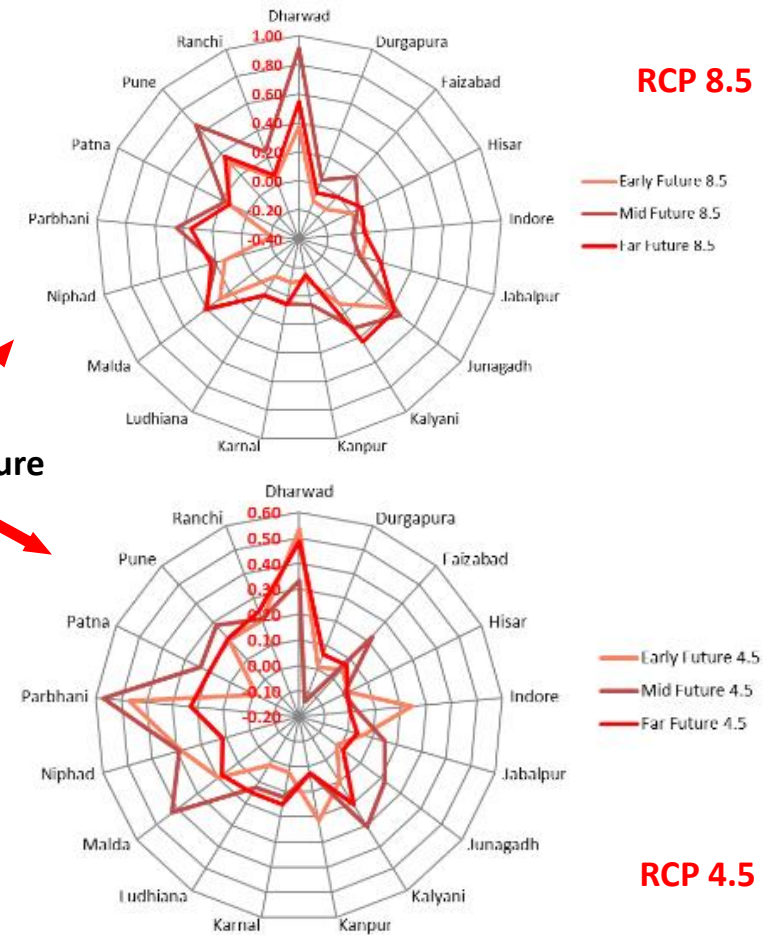


Wheat



Heat Stress Intensity Index (Present Scenario)

Future



Highlights

- ❖ Heat stress intensity index (HSII) was developed using principal component analysis (present scenario and future scenario)
- ❖ Predictions alarmed a radical shift in HSII for 17 wheat experiment locations in India
- ❖ Under projected RCP 4.5, trial locations in peninsular zone need more emphasis to cope up with the climate change impact
- ❖ Under RCP 8.5, peninsular, central and north eastern plains zone need focus for adaptation strategies
- ❖ Dharwad (peninsular zone) predicted as a hotspot for screening wheat genotypes under heat stress condition