

CHAPTER SIX

CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions

- The difference in the distance is less when we used TM projection with the (WGS84-CLARKE1880) datum rather than used UTM projection with the same datum.
- The effect of direction on measure map distance is less when it is parallel to longitude than it is parallel to latitude.
- Distances on Clarke1880- TM is greater than using WGS84-UTM.
- The max obtained error is equal 0.37mm on 1:100,000 map.

6.2 Recommendations

- Testing the effect with other map scale.
- Testing the effect of coordinate values on measured distance.