

TITLE

Faculty of Surveying – Panacea For
Name Change Saga

BY

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KEY WORDS

- Survey
- Education
- Name Change

ABBREVIATIONS

- **FSL- Faculty of Surveying –Land Surveying Department**
- **FSH – Faculty of Surveying-Department of Hydroraphy**
 - **FSA – Faculty of Surveying-Department of Aerial Surveying**
 - **FSE – Faculty of Surveying-Department of Estate Surveying**
 - **FSB – Faculty of Surveying-Department of Building Surveying**
 - **FSP – Faculty of Surveying –Department of Planning Surveying**
 - **FSQ – Faculty of Surveying-Department of Quantity Surveying**

ABSTRACT

- Over the last decade, there has been serious controversy on the proper name and status to be given to our dear old profession “SURVEYING”.
- To quell this controversy and to give “SURVEYING” its desired identity, stability, specialization, diversification and development, we propose that “SURVEYING” be accorded the status of a “FACULTY” in institutions of learning worldwide with the following as departments:

- Department of Land Surveying (Geodesy)
- Department of Aerial Surveying (Photogrammetry/Remote Sensing)
- Department of Sea Surveying (Hydrography)
- Department of Estate Surveying
- Department of Quantity Surveying
- Department of Building Surveying (Architecture)
- Department of Planning Surveying (Urban &Regional Planning).

INTRODUCTION

- Surveying & Traditional Role of Data Capture
- Improvement in Technology leading to changes in the original methods of Survey training.
- Different Schools of thoughts in the change of the name of Surveying emerged, hence the name change saga.
- See Table 1 for recent trends in the names of Surveying Departments Worldwide
- The Paper questions the urge for name change saga in Surveying vis-à-vis other professions like Medicine, Law and Engineering
- Recent positive trends to revert to the original name e.g. In Canada, New Zealand & Australia.

ASPECTS OF SURVEYING

- Definition of the word “Surveying”.
Wilson J. P Ramsey(1977) defines Surveying as “the process of taking a general view of Land, Estate, Water, Building, Mines etc. by making observations and measurements aimed at determining the size, shape, position, location, value, quantity, condition and ending with the presentation of the field data in an acceptable form namely: maps, plans, charts, written reports, bills of quantities, etc.”

- From the definition above five aspects or disciplines are identified thus:
- I. Land Surveying, Aerial Surveying, Sea Surveying
 - II. Estate Surveying
 - III. Quantity Surveying
 - IV. Building Surveying (Architecture)
 - V. Planning Surveying (Urban & Regional Planning)
- NB: Land, Sea, and Aerial Surveying are as distinct from each other as Accountancy and Banking & Finance; Mathematics and Statistics. Hence should be accorded Departmental Status.

ESTABLISHMENT OF FACULTIES OF SURVEYING

The paper advocates:

- A) The decentralization of the present Departments of Surveying into:
1. Departments of Geodesy or Land Surveying
 2. Department of Hydrography or Sea Surveying
 3. Department of Photogrammetry/Remote Sensing or Aerial Surveying.
 4. Department of Management Surveying or Geoinformatics.

Reasons:

- Identity Challenge
- Great burden on Surveying Students
- Under Development of the various Disciplines and lack of Specialization
- Inadequate funding of the departments of Surveying as presently constituted.

- B) Establishment of Faculty of Surveying to house the various disciplines of Surveying:
 - Land Surveying
 - Sea surveying
 - Aerial Surveying
 - Estate Surveying
 - Quantity Surveying
 - Building Surveying
 - Planning Surveying

ACADEMIC CURRICULA

This paper examined and reviewed the existing curricula of the departments of Surveying and has proposed an academic curricula for the various proposed Departments of Surveying in the proposed Faculty of Surveying- see table 5.1

CONCLUSION

There is no doubt that the surveying profession has not taken its proper place in the University system. To be able to meet the academic and professional needs of the Surveying profession, Surveying should be accorded a Faculty status in the Universities. As a follow up, the paper has examined and reviewed the existing surveying curricula and recommended a proposed course structure for various departments of the Surveying Faculty.

The International Federation of Surveyors(FIG), Nigerian Institution of Surveyors, Commonwealth

Association of Surveyors and Land Economy(CASLE), Royal Institute of Chartered Surveyors(RICS) and other well-meaning associations and

individuals are encouraged to foster this fight for the establishment of Surveying Faculties in Universities worldwide in this millennium.

This would not only attract better funding for the surveying departments, but will also bring all Surveying professions under one umbrella and give full meaning to the realization of the establishment of organizations like FIG, CASLE, RICS and improve on the gross lack of manpower and equipment in the various fields of surveying and enhance the training of surveying in the third millennium.

THANK YOU AND GOD BLESS