

STRENGTHEN TO DO NOT RECEDE!



Meteorology comes along time being used each more and more in the most diverse sectors of the economy. Moreover, the spreading is being enlarged in theme view of the climate change. Therefore, the meteorological community should take advantage the moment for the strengthening of our career and to fight by your rights. Unfortunately, some believe that would be better just change the profession name and this would solve all of our problems, just for think with this change would be more respected or valued.

The Project of the title alteration of Meteorologist for Engineer Meteorologist really is a change weak acceptance, as shown by that so much in the professional scenario as in the academic and scientific question would not be neither convenient and nor transforming.

Although the Law Project to bring some elements from modernity, is observed that can bring serious professional and academic consequences with the question of name change. Because, would be very better to strive for Meteorology valorization instead of simply change the name, or the LOGO, as some call!

Firstly we note that regarding to the elaboration and guiding of this Project that Brazilian Meteorology Society (SBMET), schools and operational services of Meteorology were neglected of the process, where should have

been properly heard having in mind that there would be implications to all.

In other words, we criticize authors' Project attitude because limited the discussion on the subject, instead of have enlarged discussion mostly to reach directly all the professors, Students and Meteorology professionals, what after all would be possible using the existing current ways.

The exclusion effect regarding the discussion on this Project was very inconvenient and unsatisfactory, and in a way showed authors' inexperience. We consider the manner used mistaken, for deny to various people involved in the subject of expose their view points.

It is very important that occurs discussion for the creation of a Law that wants consequently to change the name of a



profession, and that will have great influence directly for life of many involved ones.

We point out that changes of this kind should be analyzed in the perspective of a profession "update" process and do not on question focused in the profession name change. Therefore, the adoption of this project will find problems and limitations when incorporated, if to come to occur in Brazil. This occurs in specificities reason of the Brazilian meteorological community. In other words, the discussion gave of inversely proportional manner to that should have occurred with participation of all Brazilian meteorological community due to its great importance.

Some referred Proposal points are enough incipient: The expression Engineering means a career that requires construction, Civil, Electronic, Electric, Environmental, etc. The Agricultural Engineer can build vegetation houses, pigsties, roads and electric facilities in the rural area. But for this it learns architectural delineation, rural constructions, roads, leveling for soil erosion contention, etc. And Meteorologist pass for Engineer? At least in the proposal does not have any justification in this direction.

Build meteorological charts, constructions for observer rooms, install meteorological equipments, prepare infrastructure to build meteorological shelters, build software for numeric forecast, etc. Many of these activities need planning with detail, inclusive space distribution. And that does the current meteorologist learns in this area? If that was included, what would be time of course duration? In this project does not consist anything than the current schools should do to pass for Meteorological Engineering. And what would be the curriculum?

For example, in 2009 the bachelor course in Atmospheric Sciences was created at Federal University of Itajuba (UNIFEI), based in the Law of 1980. And now? How what stays in CREA does not consist the expression Bachelor in Atmospheric Sciences? In other words, in CONFEA/CREA System these changes cannot be carried in consideration and to do not be accepted for other professionals, and one more time we will be isolated and discriminated.

Other obstacle for the implantation of this project would be the question of courses curricular guidelines adaptation of Meteorology for Engineering that are dissimilar mostly in the

professional part, that will generate academic and structural conflicts of allocation.

Moreover, other controversial particularity of the Project is stimulus to the professional competitiveness. Although that can motivate initially some people to seek the best performance, afterwards this will transform in despair, because nowadays there are more than 200 engineering denominations, where is debating in decrease for 53 names to the engineering. Even so, being a risen range of theses, consequently the mentioned "Meteorological Engineering" runs the risk again becoming in the second or third plan inside this new order.

We do not understand because have that always to be in the skirt of Engineering as some defend. They mention that to those professionals graduated in Engineering are stronger and that perceive more in terms of salaries, but that only occurred because of fights inside their career and with class representation. Meteorology is not and will be never an engineering specialization, because its origin is connected to the natural and exact sciences, such as, geography, geology and oceanography. Our number of schools really is small when if compared to the engineering, but not when we compare to the geology and oceanography schools, for example.

We will analyze some numbers to be able to reflect a little on this discussion: There is in Brazil nowadays 8 Meteorology Schools, 12 in Oceanography and 20 in Geology. The professionals' salaries graduated in Geology and Oceanography are similar to those of engineers. So, why we do not follow example of these professionals what have professionals graduated quantity, schools and scientific similarities? In synthesis, these two professions, that are similar to us, fought against this idea of avoided front to the engineering, and today they own professional salaries as good as the ones of engineers.

For a reason or purpose clarification, the basic salaries of meteorologists and engineers are the same ones: Six minimum salaries for six daily hours of work and eight and half minimum salaries for a journey eight hour daily. This is the minimum, that is, each career should strive to increase its remuneration.

Meteorologists need to verify if their contractors accomplish with this salary base established by the Professional System. Clearly, that the market also influences in theses professional remunerations.



Important to remember you that the system CREA/CONFEA, by law, is the agency of professional fiscalization. In other words, the Advice should check in every institution, company and business, that develops and or uses Meteorology and Climatology services, has responsible-technician Meteorologist registered in CREA and if the Meteorology and Climatology activities are developed by professional enabled by CREA. In this scope, the career valorization comes of to need to protect the society from laymen, bad professionals and of that disregard the legal principles.

Moreover, will not be a new nomenclature that will provide the "inclusion" or larger recognition of meteorologist in the CONFEA/CREA System, who by Law of 1980 is the responsible agency for the profession inspection and regulation. Therefore, it has obligation of "embrace" the Meteorologist as any other professional who represents, be Architect or be Engineer. Actually, should stimulate the professionals to charge their rights and to be citizens.

So, it also should think as important element for reformulation of the Meteorologist Regulation Law. Thus, many of the questions that today are thought as Meteorology modernization elements are, actually, fight and invigoration process conquests of the profession that are not immediate and that depend on the joint effort of all.

We should strengthen it and not simply change the nomenclature and to believe that with that are going to be more strengthened like some believe. We owe yes elaborate strategies to face the typical challenges of Brazilian meteorological society at the current moment of great debates on climate changes for example.

Various people linked to the Meteorology (students, teachers and professionals) heard by UNEMET about this subject manifested saying that the meteorological community wants improvement, invigoration, and that was accomplished the existing Law, and not change of the professional name, by believe that this would

not change the current problems and could even prejudice more still if that came to occur. They also mentioned that should be debated alternatives of solution for the current problems with participation that are linked to the Meteorology.

In other words, what fault is to fight and to strengthen our career and to do not stay in the "skirt" from other professions that do not have any relationship with our origin. If you are an inspection matter, why we do not claim, using until judicial ways, so that does CREA/CONFEA System accomplish its duty in to fiscalize and do to punish the ones that are disobeying our Law? Or then, why we do not create our own Council or even if join us the professionals what own scientific similarities and create a council of this nature, for example, Geosciences that could include Meteorology, Geology, Oceanography and Astronomy?

Will it be what is that difficult? It can be, but the idealists and precursors of our Law strove a lot to see our profession be regulated and now some see and want to change instead of strive, thus do not consider correct this form. Sincerely what lacks is joint fight between all of us professionals or the ones that will become in the future.

UNEMET is totally contrary to this change and is going to strive so that that does not occur, and even if occur considers that it will be one more Law than is not going to catch and for English to see, expressions very used in Brazil, because the main involved actors were not heard: schools and the professional futures of Meteorology. Since, who elaborated this Project is more worried with his current job and not with the future generations.

In synthesis, we expect to obstruct this project concerning the name change and afterwards join efforts to assure Meteorology activities invigoration and update, seeking with that to increase the legal actions demand in our career, assuring that all of its rights be respected in all public and private institutions



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