



SILVA CONFERENCE 2009

**Employment survey of forest MSc. graduates
of U.P.V.
(2003-2009)**

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Framework & aim

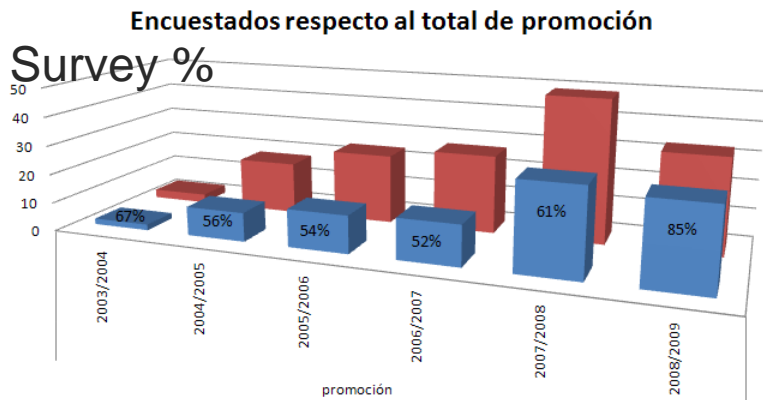
- 1999 UPV established MSc. in Forestry (5 yrs. not integrated with BSc.)
- 2010 new BSc. in Forestry will start (integrated, 4 yrs. + 1,5 yrs)
- 3 specializations (1,5 yrs.: forest management, forest engineering (forest industries))
- New study plans were designed early 2009
- A survey in order to illustrate the study plan commissions was conducted
- Input of MSc. graduates in Forestry in Region Valencia (3/yr.) now growing up to 20
-> how is going to react the labor market
- Strong employment crisis in Spain since end 2008

[Methodology]

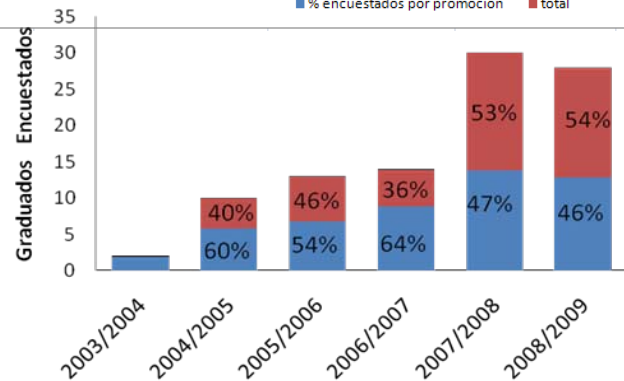
- The telephones and e-mails of the forest MSc. Graduates were facilitated by the Faculty
- Advanced students made the interview (phone mainly)
- Survey was conducted in December 2008 (2004-2008) and October 2009 (2009), some question were repeated in 2009 for the former graduates (present job)

Results: general figures

- 97/154 graduates answered the survey (63%)
- Gender are evenly represented (increasing)
- Share of response each year increases (higher commitment of recent graduates)



Distribución por sexos y promoción



Answers x gender

M

SILVA NE

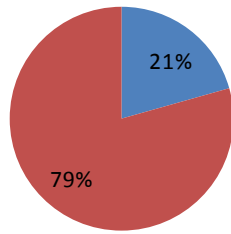
Encuestados

Encuestados



Results: Forest studies (1)

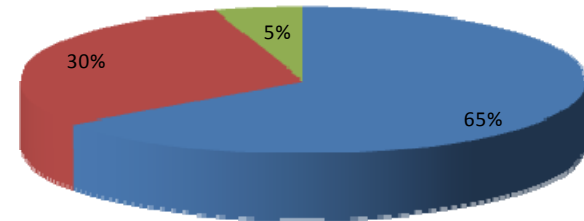
Titulación previa



Previous BSc

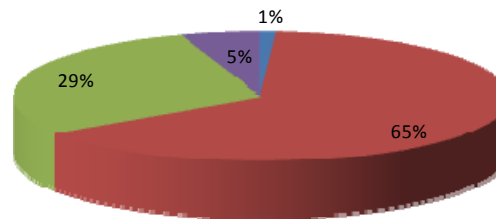
■ si ■ no

TITULACIÓN PREVIA



■ ITF
■ ITA
■ IA

Número Titulados - Expediente



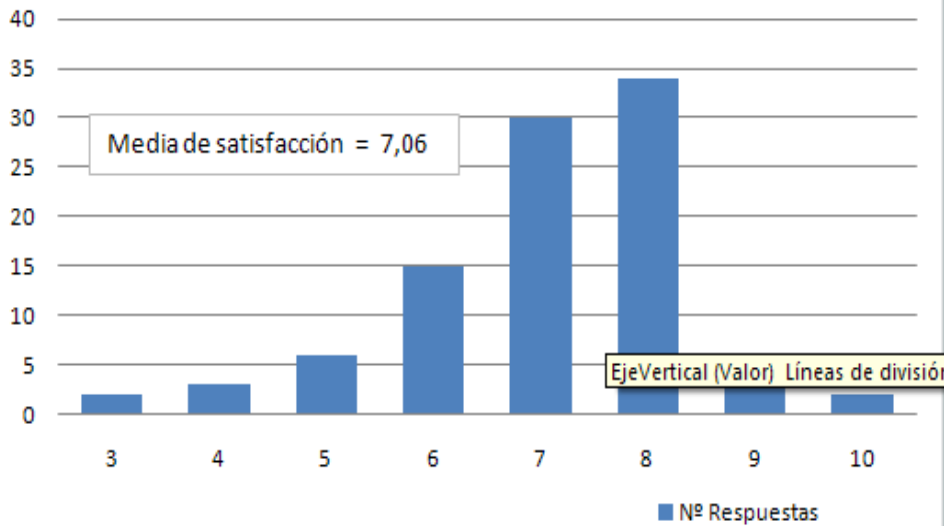
Marks

■ 5-5,9
■ 6-6,9
■ 7-7,9
■ >8

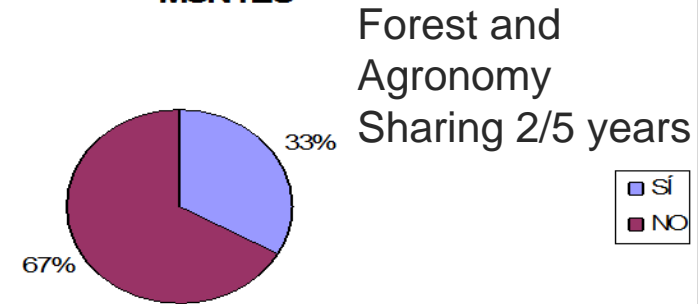
- 21% have previous (BSc. Studies)
- Small range of marks (6-8/10, eq. ~C/B-)

Results: Forest studies (2)

Grado de satisfacción

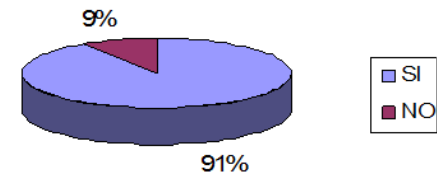


PERMEABILIDAD ENTRE AGRÓNOMOS Y MONTES



MÓDULO DE INDUSTRIAS

Forest industries

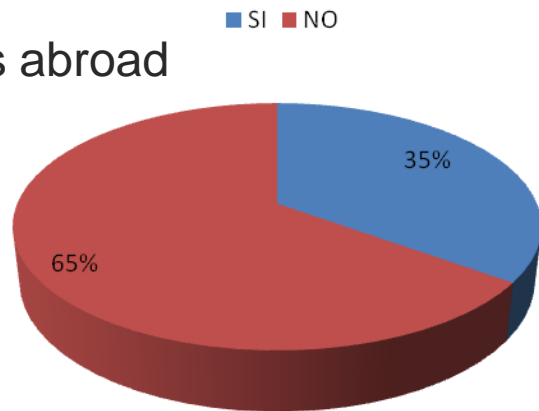


- Medium-high overall satisfaction
- Broad support for a forest industries intensification
- Reluctance to broad common studies with Agronomy (2 yrs.)

Results: Forest studies (3)

Estancia en extranjero

Studies abroad



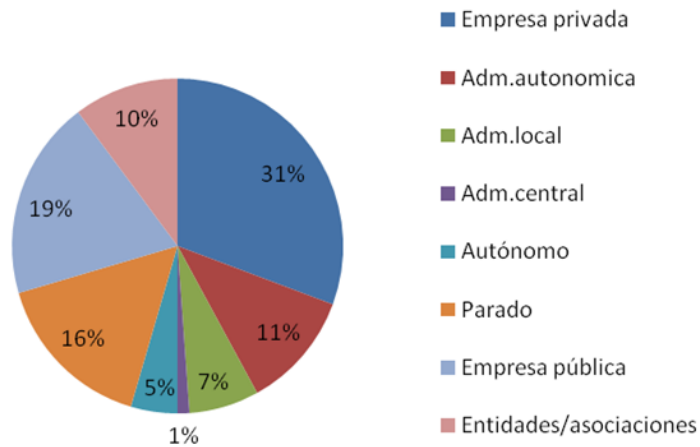
PAÍSES EN LOS QUE REALIZARON ESTANCIA Countries



- 35% studied abroad
- CZ, UK, FIN
- 3% non European country (L-America)

Results: employment (1)

EMPLEADOR

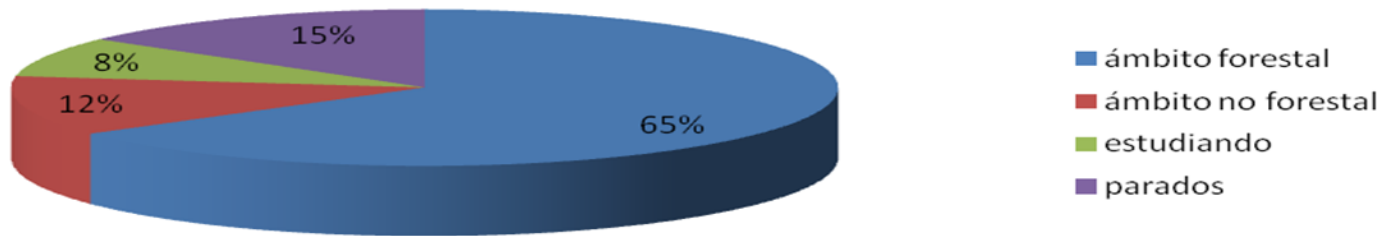


Employee

- Private and public companies are employing 50% of graduates
- Public service is reducing its relevance (19%)
- NGOs is of growing relevance (10%)
- Unemployment is growing since 2008 (16%)
- Self employment is (still) a minor option (5%)

[Results: employment (2)]

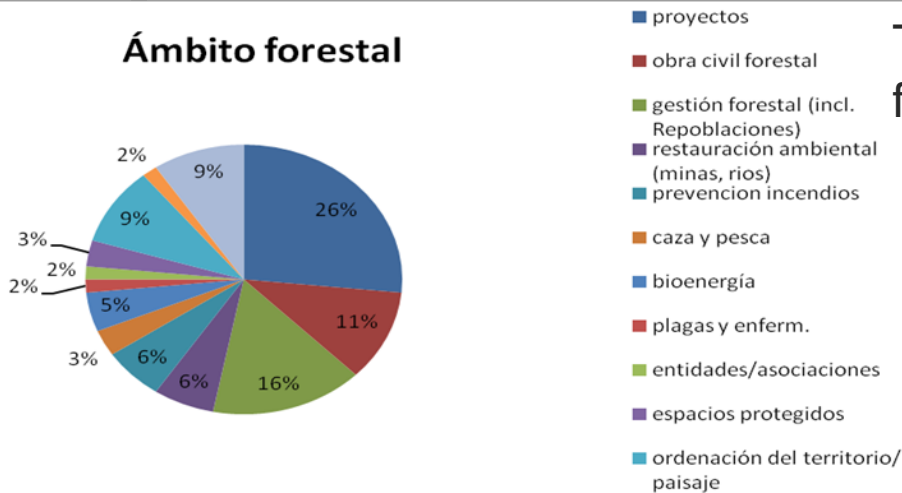
Thematic field
Ámbito de trabajo



- Forest dominates (65%/12%), especially man (exc. 1st gen.)

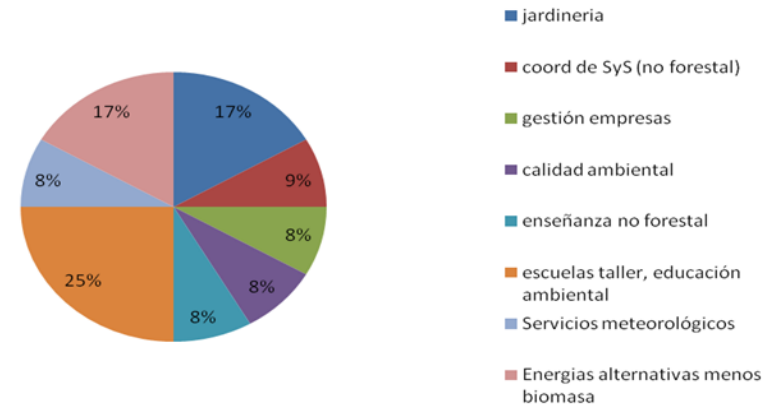
Results: employment (3)

Ámbito forestal



Thematic fields

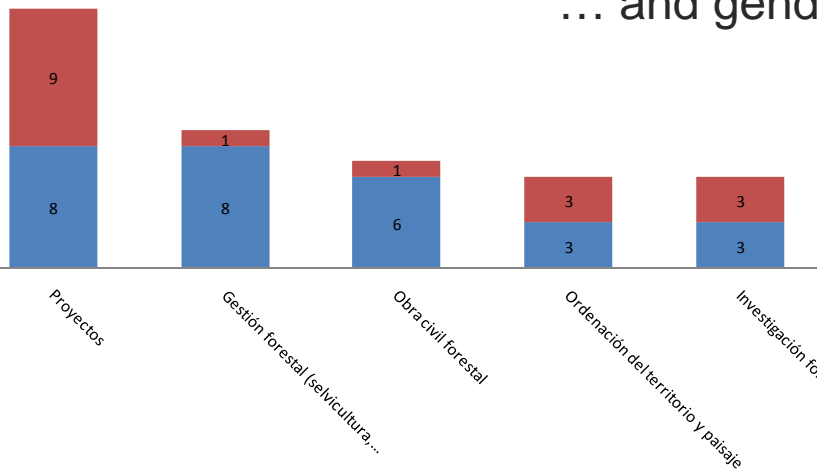
Ámbito no forestal



Ámbito de trabajo - sexo

Hombres Mujeres

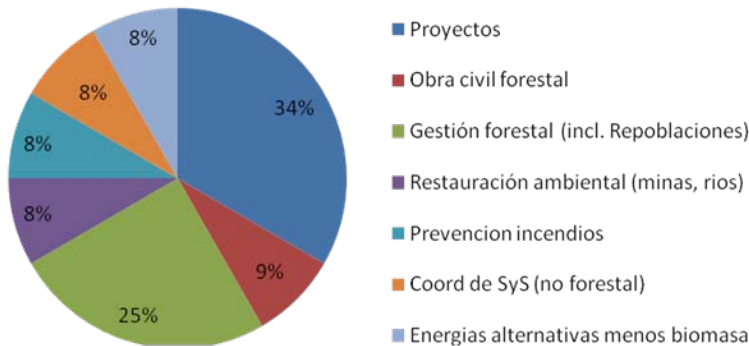
... and gender



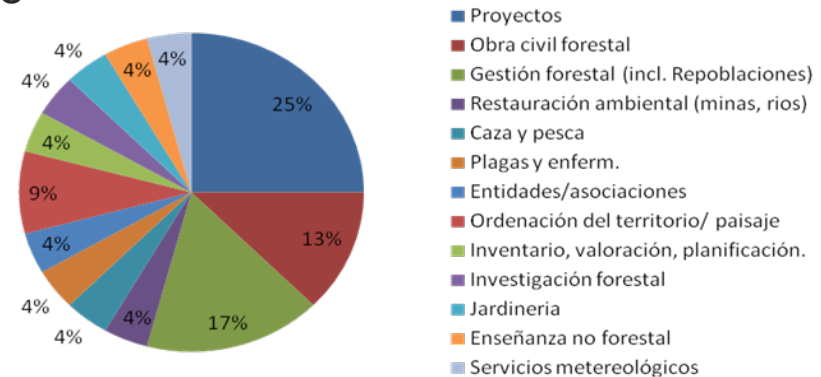
- Broad spectrum
- Forestry: consultancy (26%), forest management (16%), forest engineering (11%) Landscape and land planning (9%)
- Non forest: General education, gardening, renewable energies
- Forest management and forest engineering is still male dominated

Results: employment (4)

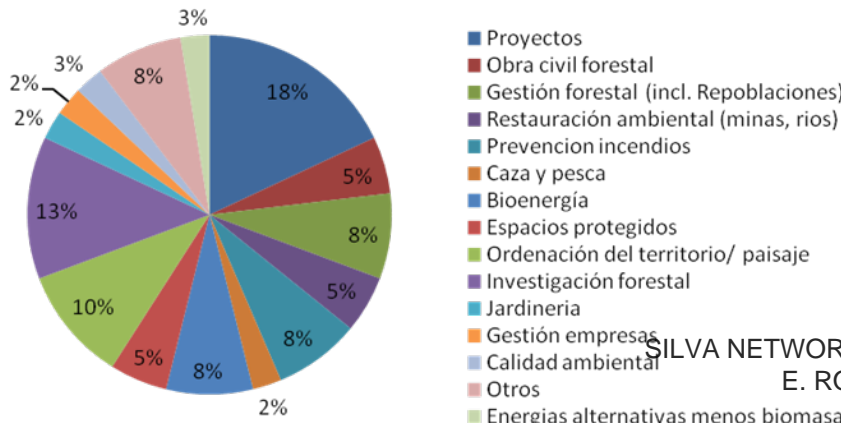
Actividad laboral graduados 2003/2004 & 2004/2005



Actividad laboral graduados 2005/2006 & 2006/2007



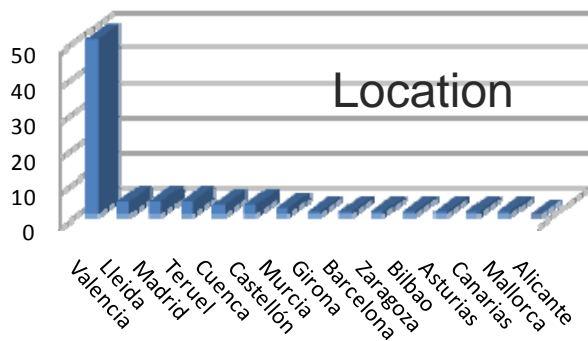
Actividad laboral graduados 2007/2008 & 2008/2009



- Consultancy and forest management have declined to half by time
 - Landscape and land planning is growing
 - Bioenergy and forest research appears recently (13%, 8%)
- Thematic fields becomes broader even in the forest sector

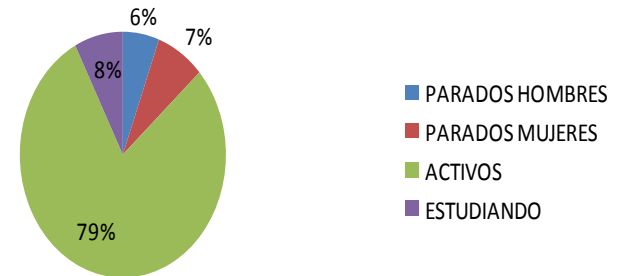
Results: employment (5)

Lugar de trabajo



Situación laboral

Present activity

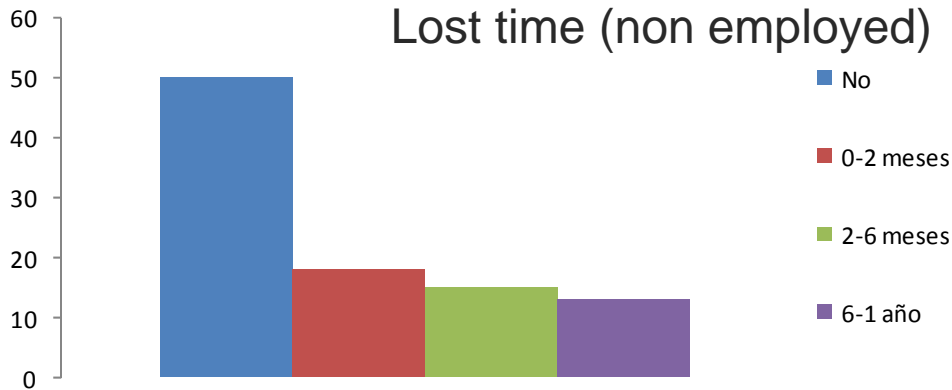


- Strong concentration in the area of studies (Valencia)
- No international enrolment
- Broad dispersion in Spain (limited to E-Spain), not further than 400 km

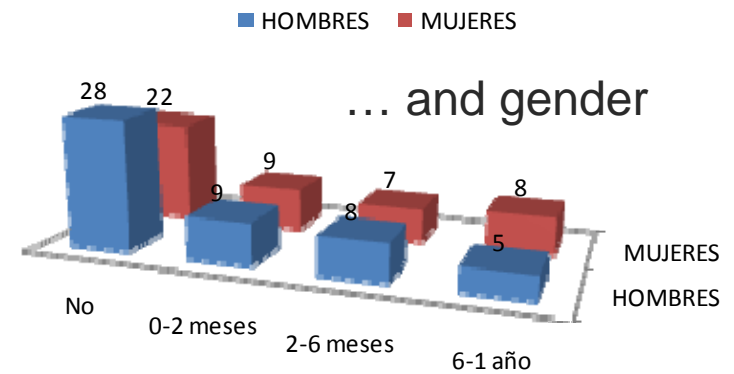
- 79% employed
- 13% unemployed (evenly distributed man/women)
- 8% studying

Results: employment (6)

INACTIVIDAD
Lost time (non employed)

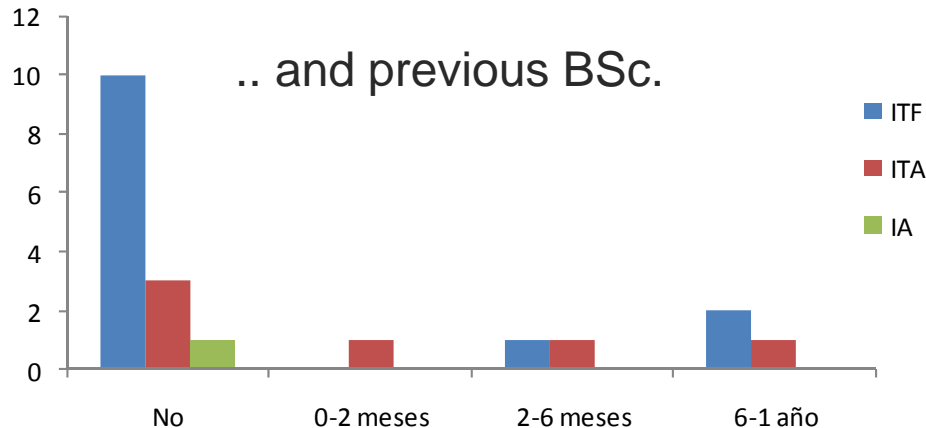


INACTIVIDAD-SEXO



INACTIVIDAD-TIT. PREVIA

.. and previous BSc.

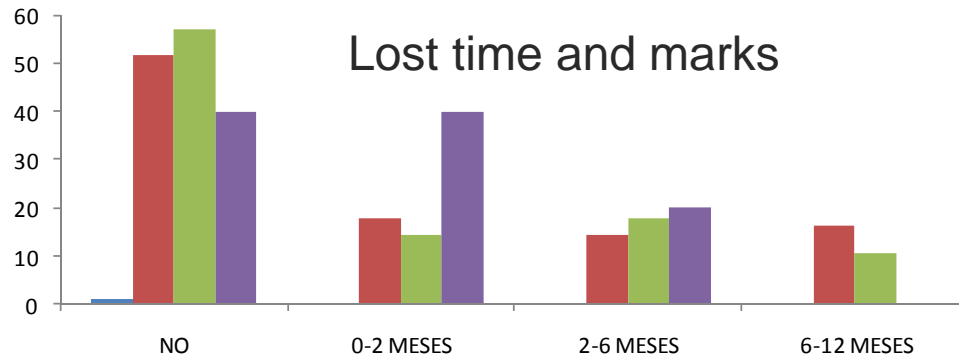


- 50% get straight after graduation a job and keep employed
- Critical unemployment <15%
- Slight better situation for man than Woman
- Better situation for previous graduated (70%/50%: no lost time)

Results: employment (7)

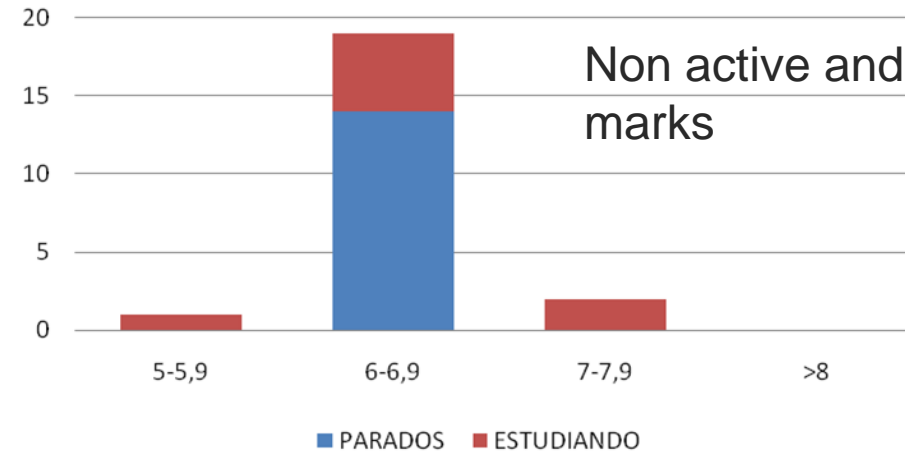
INACTIVIDAD-EXPEDIENTE

Lost time and marks



Situación laboral - expediente

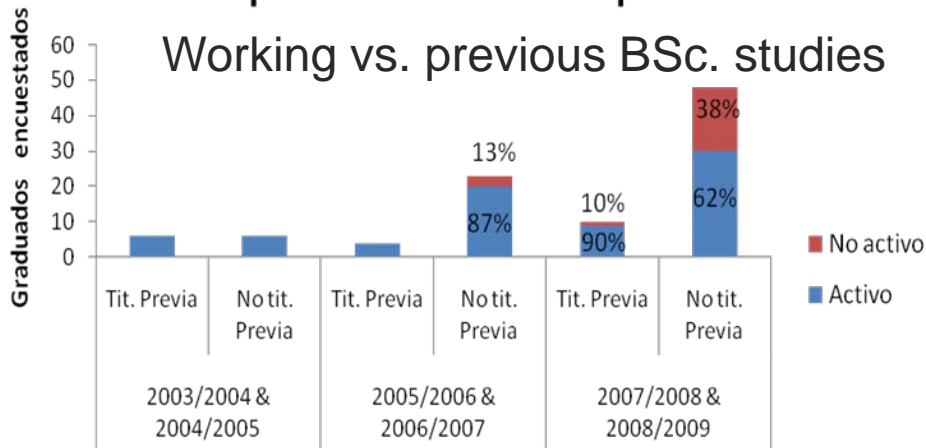
Non active and marks



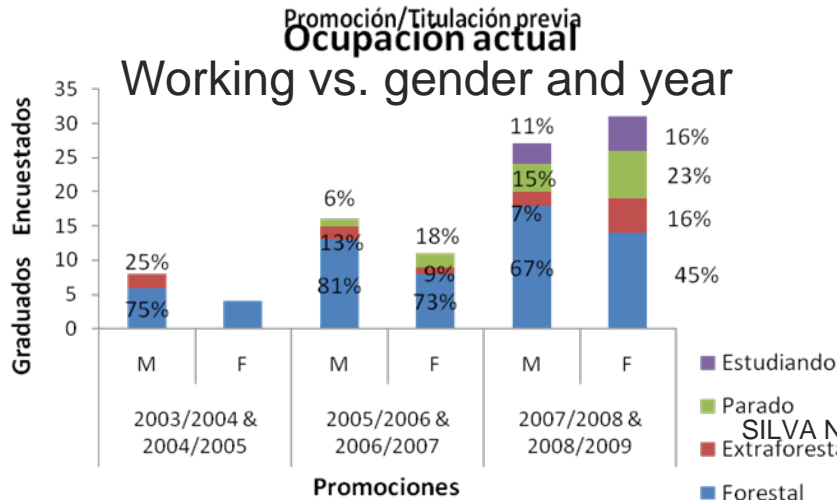
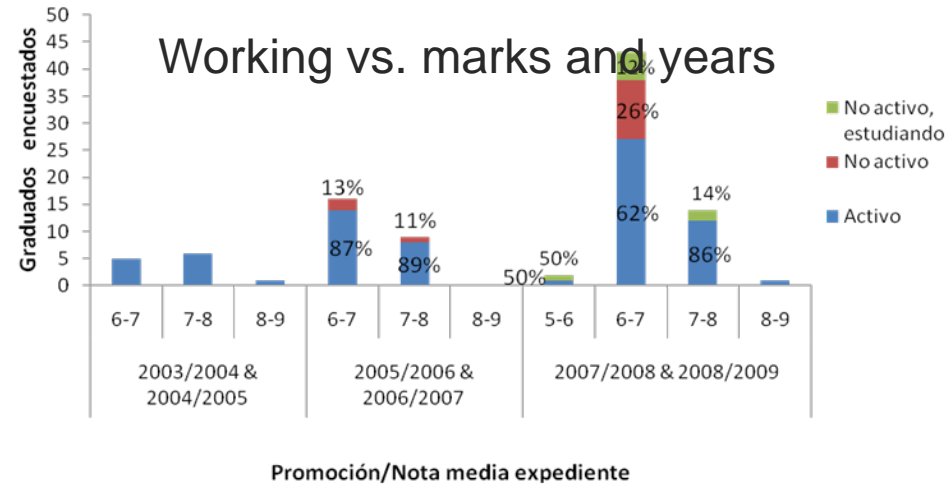
- slight better figures for higher marks (lost time)
- unemployed concentrated in lower marks (<7)
- studying further evenly distributed

Results: employment (8)

Situación actual de los encuestados respecto a la posesión de estudios previos



Relación de la actividad laboral y la nota media del expediente



- Unemployment concentrated in the major Group lacking of previous BSc. Studies
- no unemployment at the 1st generation
- Unemployment increases by recent graduates
- Unemployment is higher for women
- Further studies is an option only for recent graduates, especially for women

Conclusions

- The enlargement x 7 of the forest MSc. in Forestry has been tolerated by the labor market even in a low productive area (Mediterranean)
- Most of the new labor niches are in the forest sector, traditional activities are occupied mostly by man
- Unemployment is bigger in pure MSc. graduates than in BSc. graduates that followed MSc. Studies
- Unemployment is slightly higher for women
- Public administration are loosing weight as employees
- As time passes the dispersion in thematic fields is increasing
- The small radius of location of the graduates of UPV is surprising (95% in 400 km)
- Marks show only a modest signification in future employment, at least in quantitative terms