

XVII International Congress on Dry Stone

“Dry stone perspectives: challenges after the UNESCO inscription”

Cavtat, Croatia, October 1-2 2021

Cornu Claire - FRANCE

-From 1995 to 2021 : Vaucluse's Chamber of trades and crafts, Avignon, Provence,

-From 2012 to 2019 : French Federation of dry stone professionals (FFPPS)

-Since 2002 : International scientific society for Drystone interdisciplinary study (Société scientifique internationale pour l'étude pluridisciplinaire de la pierre sèche (SPS)), administrator from 2010 to 2021

-Since 1987 : Rural houses of France (Maisons Paysannes de France (MPF)), administrator since 2017

-Since 2011 : International Council on Monuments and Sites (ICOMOS)

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Build tools and methods to convince of the relevance of the dry stone choice

17th international congress on dry stone
KONAVLE 2021



Summary :

By supplying chemistry to agriculture, materials for construction, and by generating mechanization of crops and earthworks, the industry of the "thirty glorious" erased centuries of practices and organization of living and working spaces, which optimized local natural and human resources. The dry stone masonry, its terrace farming, its pen breeding, its field huts, its sheepfolds, its spaces of accompaniment of the gardens, the houses, the

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villages, the rivers, the paths, the roads, fell from then on into disuse. When in 1999 we started this process of reviving a professional sector, the terraces in France had been abandoned, the stones of the enclosures had been crushed, and the trade of dry stone waller had disappeared. It was during deadly floods that the fossilized terraces of the surrounding hills, devoured by reckless urbanization, pointed out the major role of these drainage walls in fighting erosion and helping to save lives and heavy material damage. These subtle works to tame the slope, manage hillside runoff, generate a microclimate favorable to crops due to the thermal inertia of stones, constitute an ecosystem for biodiversity. These are modern alternative solutions. Our attachment to our roots demands the preservation of these unique landscapes, of this peasant art and of this sustainable practice, which cannot be relocated or industrialized, and which places man at the heart of the building process. As long as each link in the chain shares a common culture, restoring, building and developing all contribute to the conservation of our common good: the quality of our living environment. It is thanks to this chain of solidarity between practicing or prescribing professionals, politicians, associative people and inhabitants, that dry stone has been able to make a comeback in the construction choices and to give back its nobility to the profession of dry stone waller.

Keywords *Dry stone; collective approach; know-how; technique; constructional choice*

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A. Process of recognition of the profession

At the beginning of our adventure, at the end of 1999, it was clear that nothing was being built in dry stone anymore, the old walls were disappearing from the landscape, replaced by concrete, riprap or gabion¹. The dry stone remained appreciated for the quaint of its huts. In the stone departments, many volunteer associations raised awareness of this heritage through inventory work, participatory workcamps and promulgated the ingenuity of the elders to arrange their living space.

(Photo 1)

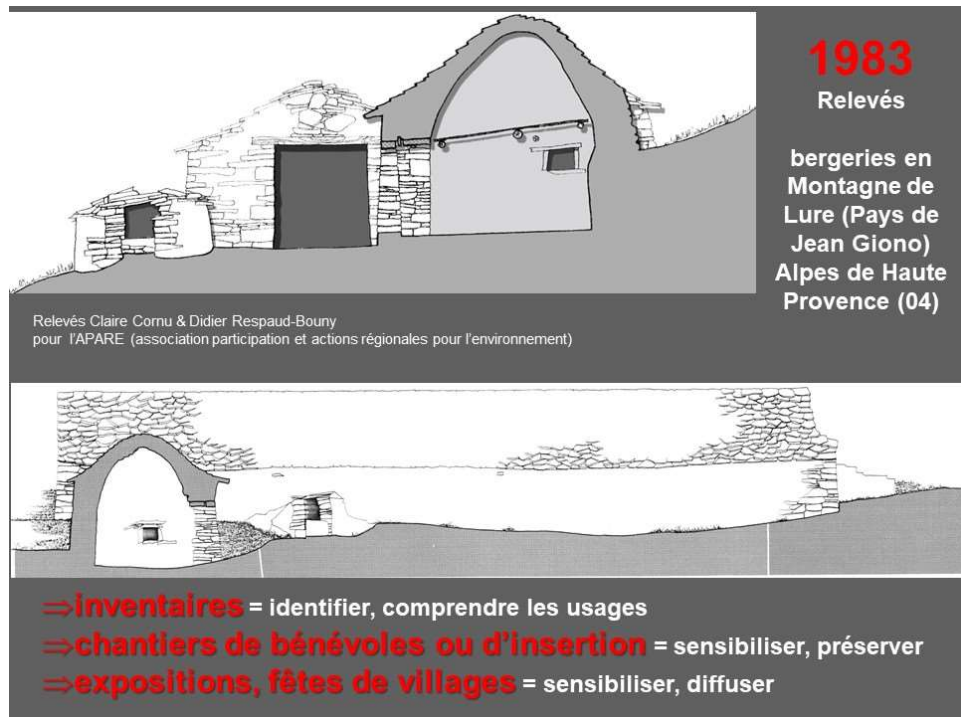


Photo 1.

Thus, most of the transmission of know-how took place through volunteer or integration workcamps. Dry stone was not taught in the schools of practitioners (masons, stone cutters, gardeners, winegrowers...) nor in those of prescribers (architects, engineers, landscape designers,

¹ Spilled stones, enclosed in an iron cage, most often of parallelepiped shape.

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technicians...). The "Thirty Glorious" were a period of expansion of the oil industry and the teaching of the construction industry was focused on cement and concrete. Moreover, the professionals have the obligation to insure their building sites and the insurers rely on the rules of the art (standards², DTU³). Irreversibly, without a written document, dry stone was not insurable: no public order was authorized. This is where a political demand comes in⁴.



Photo 2

²French Association for Standardization (A.F.N.O.R.)

³Unified technical document = references for construction issued by the Center for Scientific and Technical Building (C.S.T.B.)

⁴Roger Bouvier, baker, President of the Environment Commission of the Provence-Alpes-Côte d'Azur Region and Mayor of the village of Le Beaucet in Vaucluse and Paul Gilles, baker, President of the Regional Chamber of Trades and Crafts.

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The European program REPPIS⁵ (Photo 2) ended and its four years of exchanges underlined dry stone as a lever of local economic development and tourism. Driven by the desire to preserve the bories⁶, restanques⁷, paths and landscapes of their childhood, these two artisan bakers decided to mobilize the construction sector.

But how could they encourage craftsmen to train for a non-existent market? Everything had to be built. In order to write building rules, I had to form a working group to bring together all the competences from prescription to implementation. I cooperated with professionals I met during the 1998 REPPIS workshop in Luberon: Paul Arnault⁸ who brought other dry stone wallers to the table and Jean-Claude Morel⁹ who offered dry stone as a subject for a civil engineering thesis.

What market prospects for professionals? Three axes inspired me:

⁵European network of dry stone countries 1996-1999: the Luberon in France, the island of Majorca in the Balearic Islands, the municipality of Corsano in Puglia in Italy, the Zagori in Epirus in continental Greece. Lead partners: Luberon Regional Nature Park and Association for Regional Participation and Action (APARE), coordinator Agence Paysages d'Avignon.

⁶Dry stone huts in Provence

⁷Terrace support

⁸Retired director of the Vaucluse artisanal company "Opus Patrimoine", qualified as a Historic Monument; founding president of the French Federation of Dry Stone Professionals (FFPPS) in 2012 and until 2017. He was also President and founder of Les Murailleurs de Provence (Dry stone wallers of Provence) in 2002 and until 2012.

⁹ University lecturer and researcher at the Geomaterials Laboratory of the ENTPE (National School of Public Works) in Lyon

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1. Jean Cabanel¹⁰: drainage walls to slow down the rapid runoff, cause of deadly disasters¹¹.

2. Gilbert Haiun¹²: road maintenance, "...we consider that our future concerns will be the conservation of the structures. Stone retaining walls account for nearly 85% of them."

3. The book "Landscapes of terraces"¹³: the biodiversity nestled in these walls full of emptiness. This theme was widely explored among the Swiss partners¹⁴ I met at the 8th international dry stone congress in Visp in 2002.

From then on, the fight against erosion due to runoff, the maintenance of road assets, and the preservation of biodiversity were my basic arguments for guiding the approach and obtaining the confidence of the ministries¹⁵, as well as that of the local authorities¹⁶, to carry it out.

¹⁰Former Head of the Landscape Mission at the Ministry of Environment, Member of the Landscape Competence Center of the General Council of Bridges & Roads.

¹¹Those of the 9 dead in Nîmes (1988) then the 47 dead and 4 missing in Vaison la Romaine (1992) and Martine Guiton's 1994 doctoral thesis: "runoff and 100-year floods".

¹² Director of the S.E.T.R.A. (Road and highway engineering department)

¹³Book by Régis Ambroise, agronomist, Pierre Frappa, entomologist and Sébastien Giorgis, architect, photography by Vincent Motte, Edisud 1989

¹⁴International Congress in Visp in 2002

¹⁵Ministry of Crafts between 2003 and 2006, Ministry of Culture between 2010 and 2018, Ministry of Ecology between 2012 and 2019.

¹⁶Provence Alpes Côte d'Azur region between 2002 and 2006. Department of Vaucluse (84) between 2012 and 2016.

B. Drafting of the rules of the art

Very quickly I had to enlarge the working group well beyond my department of Vaucluse (84) in order to constitute a significant core of practitioners. I had to deploy a lot of energy to locate, then a lot of diplomacy to convince and mobilise the craftsmen who still had this know-how to invest in this adventure!



Photo 3

The first meetings in Avignon were delicate: bringing together craftsmen and technical supervisors from construction sites who did not know each other, to talk about their know-how while some remained on the defensive! Indeed, we must remember that at that time dry stone was considered obsolete. Consequently, it was the object of mockery from colleagues with conventional practices.

The experimental campaign started in 2002 in the Vaucluse Mountains for the study of limestone retaining walls. (Photo 3) Four two-meter-high

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test walls and another four-meter-high wall were built with stones loaned by the local quarryman¹⁷. (Photo 4)



Photo 4

The idea: sensors are connected to a computer and record the progressive deformations caused by the rising water poured into a pool liner behind the wall. The failure is simultaneously observed by successive shots. It is defined experimentally when it is estimated that the displacements of the structure are no longer admissible. After having analyzed the limestone in Vaucluse (84), the researchers wanted to experiment with shale. With the support of the Cevennes National Park¹⁸ the operation was renewed in Lozère (48). (Photo 5)

¹⁷ Quarry of St Gens in Beaucet, Vaucluse (84)

¹⁸ Quarry of St Gens in Beaucet, Vaucluse (84)

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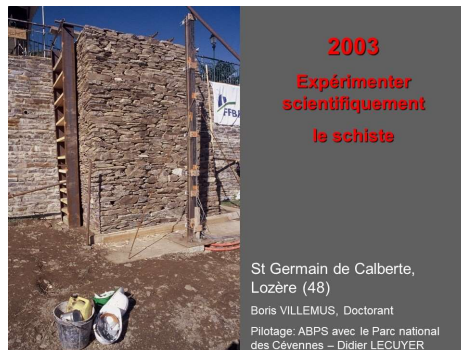


Photo 5



Photo 6

The same for granite with the following PhD student¹⁹. (Photo 6) At the same time, in order to create trusting relationships that favour sharing, I organized meetings and in particular a weekend of dry stone wallers with a participative work site, a meal and an evening of debate. (Photo 7)



Photo 7

Thus, step by step, a core of dry stone wallers from different regions and different rocks confronted their practice among themselves, brought their knowledge to the scientists, wrote and illustrated the rules of the art, completing them with the calculation charts for the dimensioning of

¹⁹ Didier Lecuyer, geographer of the Cevennes National Park, also met at the 1998 REPPIS workshop in Luberon

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the profiles of the structures developed by the first two doctoral theses of engineers. The dry stone proved to be an excellent cement to bind these men! The Good Practice Guide was published in 2008. (Photo 8)

Other experimental campaigns (Photo 9) (Photo 10) followed and six doctoral theses of engineers later, in 2016, the guide evolved into professional rules²⁰, a new device that was added to the panel of construction rules.

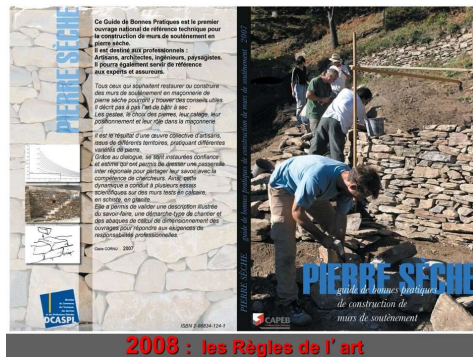


Photo 8

Photo 9



Photo 10

²⁰ Technical documents elaborated by the professionals themselves, in the absence of other texts, to determine the modalities of execution of works, validated by the Product Prevention Commission (C2P) of the Quality Construction Agency (AQC)

C. Qualification of the know-how

Once the Guide was published, because it emphasised the need for rigor in the implementation to guarantee the reliability of the works, the insurers demanded to qualify the know-how before insuring the worksites of the companies, other than the contributing dry stone wallers listed in the first pages of the Guide. Galvanised by the success of the Guide and its repercussions in the form of market requests for proposals, training courses and various solicitations, the group was now united to keep up the momentum!



Photo 11

Photo 12

Thanks to the international SPS congresses, I was aware of the practical examination system of the Dry Stone Walling Association (DSWA). Piloted by the Cevenol people who had just hired an Englishwoman²¹, (Photo 11) we went to meet the British. Then, back in France, accompanied by experts²² in training and qualification, the three associations of dry stone

²¹ Cathie O'Neill, animator of the Artisans builders in dry stone (ABPS) of the Cevennes since 2006.

²² Paul Kalck of the Center for Studies and Research on Qualifications (CEREQ), the CAFOC of Montpellier, André Czerwinski of the professional union French Building Federation (FFB) of the Gard

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wallers of the departments of Lozère (48), Gard (30) and Vaucluse (84), (Photo 12) (Photo 13) helped by an English dry stone waller²³ and a Swiss one²⁴, developed an examination protocol in the French way: the certificate of professional qualification (CQP²⁵). (Photo 14)



Photo 13

Photo 14



Soon, a diploma from the Ministry of Education and the Ministry of Agriculture, the title of ability to restore or build in dry stone, will complete this system. Knowing that currently the offer of public markets concerns important building sites that a dry stone wallers alone cannot undertake, this new diploma course will make it possible to widen the number of dry stone wallers and the origin of their curriculum lets hope for their geographical spread to meet the needs. It is clear that with the craze for dry stone that has arisen from our years of struggle and production, some territories are calling on local goodwill to pass on.

²³Bill Noble of the Dry stone walling association (DSWA)

²⁴Urs Lippert of the Swiss Federation of Dry Stone Masons (FSMPS) - company Stoneworks Lippert

²⁵Diploma of the professional sector: the level "worker" was validated on March 4, 2010 by the Joint National Commission of Employment of the building and public works (CPNE BTP). The higher level "companion" obtained its validation in 2014

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Unfortunately, these sometimes apply a simple construction system, one that at the time benefited from an abundant workforce to maintain and rebuild the walls as needed. However, to optimise their resistance and reliability, it is of paramount importance to apply the rules of the Guide and the Professional Rules (RT).

D. Inscription on UNESCO's Representative List of the Intangible Cultural Heritage (ICH)

Among the trade references in the Directory of Crafts and Trades, the construction sector did not mention anything about dry stone. With the support of an expert²⁶, it is in 2010 that dry stone waller was recognized as a rare art profession by the Ministry of Culture. (Photo 15) The following summer, I launched the proposal for a UNESCO candidacy: about forty dry stone actors in person, plus about twenty letters of support, welcomed the Ministry of Culture in the Luberon²⁷: (Photo 16) Sylvie Grenet admired the work done by our collective: this inter-regional and interdisciplinary chain of solidarity that we had formed together to produce arguments, rules of the art, dry stone waller's diploma, doctoral thesis of engineer, all these tools scientifically proved so that finally this technique becomes again a constructional choice! Nevertheless, all this energy deployed continued to encounter industrial lobbies. Convinced of the merits of this ambition, she says she is ready to accompany us.

²⁶Catherine Virassamy of the SEMA (Society for the encouragement of crafts) which later became INMA (National Institute of Arts and Crafts)

²⁷Meeting of July 18, 2011 in Vaucluse (84) at the Abbey of Saint Hilaire in Ménerbes, organized by the Chamber of Trade and Crafts of Vaucluse.

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Unanimously, it was decided not to be satisfied with a purely French candidature but to propose to our friends of the SPS to join us. The following summer, during the 12th international congress in Sardinia, I obtained the approval of the SPS and this project evolved into a transnational candidature. At the same time, I used my network and multiplied the opportunities to alert people to the keys that such a distinction represents. If in 2014, at the 14th Congress in El Jadida, Morocco, almost nothing had moved, on the other hand in 2016, at the 15th Congress in Kefalonia, Greece, the emotion was great to see the representatives of the Intangible Cultural Heritage of eight governments gathered: Croatia, Cyprus, Spain, France, Greece, Italy, Slovenia, Switzerland! In 2017, the finalised file was carried by the Ambassador of Cyprus to UNESCO. It was unanimously applauded by the Intergovernmental Commission of UNESCO, gathered in Port-Louis, Republic of Mauritius, on November 28, 2018. I lived this consecration live on my computer with immense emotion and satisfaction, thinking of these two artisan bakers who had entrusted me with this mission but who were no longer here to share this happiness!



Photo 15

Photo 16



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Another advance, administrative this time: at the end of 2015, the Higher Institute of Trades (ISM) presented my proposal to be added to the National List to the Interministerial Commission of Crafts²⁸ which registered dry stone waller as a specificity of heritage mason. From now on, when registering with the National Directory of Trades, a company has the option of adding dry stone waller to its range of activities or as its main activity.

E. Validation by the European Landscape Convention of the Council of Europe

In 2011, I had the privilege²⁹ to sit around a working table of the French Rural Network (RRF) on the development of local channels for sustainable construction, organized at the Ministry of Agriculture with the participation of four other ministries³⁰ as well as the heads of consular networks³¹ and important national associations of heritage and bio-based materials sectors. By a fortunate happenstance, my position close to the conference computer allowed me to quickly put in my USB

28 Relating to the craft qualification and the Trade Directory, by the Minister of the Economy, Industry and Digital, the Minister of Culture and Communication and the Secretary of State in charge of Trade, Crafts, Consumer Affairs and the Social and Solidarity Economy.

29 Thanks to Régis Ambroise, Landscape Mission of the Ministry of Agriculture, co-author of the book "Landscapes of terraces" published by Edisud in 1989

30 Ministries of Culture, Economy with the Directorate of Crafts and Ecology, Sustainable Development and Energy

31 Permanent Assemblies of the Chambers of Agriculture and of the Chambers of Trade and Crafts

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key and project my images to present the emerging sector and its values of sustainable development for agriculture, landscapes and land use. Not only did I join the working group, but two days later I received a phone call from the person in charge of green building sectors at the Ministry of Ecology³². Its funding proposal was aimed at transferring our knowledge and tools to other stone territories and was conditional on the creation of a unique structure to federate our hitherto informal collective: the French Federation of dry stone professionals was born in January 2012. From then on, I refined a conference formula, we finalised the content of a training course for prescribers, and I set out to find partners within the territories to co-organize this distribution.



Photo 17

Photo 18



This dissemination of knowledge began in 2012 for the conference formula³³ in the Creuse department (23) and in 2013 for the training formula³⁴ in the Alpes de Haute Provence department (04). Other editions

³² Jean-Michel Grosselin then Guillaume Derombise

³³ Realized within the framework of the BATINOV Exhibition at the Lycée des métiers du bâtiment of Felletin with the association Bâti & savoir-faire en Limousin, the municipality of Felletin and the Chamber of Trades and Crafts of the Creuse

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throughout France followed. The one realised in Alsace³⁵ in 2016 that the European Landscape Convention³⁶ commissioned me to write a report, among others. Delivered in early 2018, I was invited for its restitution in May 2019 for the 10th conference (Photo 17) and received the approval of the assembly in accordance with the recommendation of the Committee of Ministers to the Member States on the guidelines³⁷ for the implementation of the European Landscape Convention.

F. Assessment of twenty years of struggle to promote this construction system

If other fights remain to be carried out, we succeeded in stirring the consciences: more and more managers of spaces have the reflex to

34 Realized with EnviroBat Méditerranée and the commune of Pierrevert supported by the Region Provence Alpes Côte d'Azur (PACA).

35 Produced with the French Federation of Landscape (FFP) and the National Union of Landscape Companies (UNEP) of Alsace Lorraine and the network of CAUE.

36 Maguelone Dejean-Pons, Head of the Landscape, Environment and Major Hazards Division at the Council of Europe - Executive Secretary of the European Landscape Convention

37 Formulation of landscape quality objectives: "... Certain natural and/or historical elements of the area may be the object of special attention in order to preserve their specific role, their particular historical significance, their environmental or other potential, such as, in the agricultural area, hedges, plantations of alignments, dry stone or earthen walls, terraces, isolated monumental trees, springs or historical canal networks. The tools used can range from forms of legal protection to funding for owners and farmers for maintenance, replanting or integration, or to forms of valorization accompanied by possible didactic supports that guide and transmit the ancient techniques of landscape maintenance."

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preserve huts, pens, agricultural terraces, gardens, paths, works of art, hydraulic systems³⁸, banks and thresholds of river... Simply because they now benefit from skills from the design to the realisation, for its safeguard, its maintenance and also for the construction of the heritage of tomorrow. It is thanks to this formidable collective will to unite in order to be strong, thanks to these common convictions that dry stone is inspiring, innovative, economically, ecologically and socially relevant, that everyone has played their part and that an exemplary approach has been built to position dry stone as a future construction system. (Photos 18, 19, 20, 21, 22)

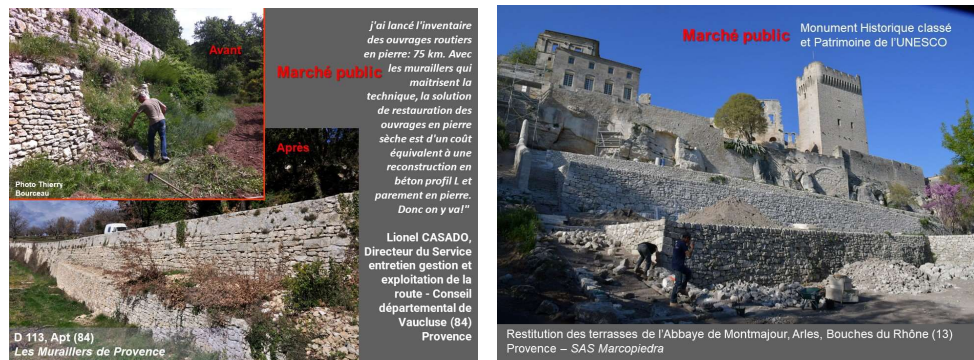


Photo 19

Photo 20



Photo 21

Photo 22

³⁸ Well, mine (horizontal well), cistern, gravity irrigation canal...

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Books:

- Collectif PAP (2021) "Villes et territoires de l'après-pétrole, le paysage au cœur de la transition » Le Moniteur Edition, Paris 2021
- ENTPE de Lyon, Parc national des Cévennes, CAPEB, Chambre de métiers et de l'artisanat de Vaucluse, Artisans bâtisseurs en pierres sèches des Cévennes, Confrérie des bâtisseurs en pierre sèche du Gard, Les Murailleurs de Provence (2008) : « Guide de bonnes pratiques de construction de murs de soutènement en pierre sèche » Lyon 2008
- Pierre Coste, Danièle Larcena, René Sette, Claire Cornu (2008) « Pierre sèche » Bec en l'air Edition, Marseille 2008

Article de journal

- Claire Cornu (2021) La Revue des œnologues n° 181 : *Gestion des excès et la rareté de l'eau, Des solutions locales vers un ajustement entre ressources et climats* – La pierre sèche, une pratique ancestrale résiliente
- Isabelle Chave, Claire Cornu (2019) revue „Monumental“ : *La pierre dans l'architecture : conservation, restauration, création*
<http://www.professionnels-pierre-seche.com/userfiles/files/revue%20MONUMENTAL%202019%20semestre%201.pdf>
- Claire Cornu (2019) La Revue des œnologues n° 170 : L'art de la construction en pierre sèche
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<http://www.professionnels-pierre-seche.com/userfiles/files/revue-des-oenologues-nc2b0149-nov-2013.pdf>

Article de journal sur Internet

- Claire Cornu (2020) revue de la Direction régionale des affaires culturelles Patrimoine (s) en Provence Alpes Côte d'Azur n°52 - «Patrimoine et paysages en tant que valeurs humaines » Pierre sèche, la tradition au service des terroirs durables Communication au Symposium international ICOMOS de Florence (2014)

http://www.infos-patrimoinespaca.org/index.php?menu=9&num_article=379&mp=2&cptcom=0

- Claire Cornu (2019) “Signé PAP n°34“ newsletter du Collectif des paysages de l'après pétrole (PAP)

Actes de conférences

- Claire Cornu (2021) : actes du colloque international de Vitré (35) "Le patrimoine culturel immatériel est-il naturel et environnemental ?" Cahiers du CFPCI n°8 page 93 à 110
- Paul Arnault et Claire Cornu (2016): résumé de communication FFPPS aux Journées nationales sur la maçonnerie (JNM2016) à l'Institut français des sciences et technologies des transports, de l'aménagement et des réseaux (IFSTTAR) de Marne-la-Vallée (77)
- Roger Bouvier et Claire Cornu (2002) : acte du 8ème congrès international SPS en Suisse « Réseau européen des pays de la pierre sèche (REPPIS) : mission de préfiguration d'un pôle du patrimoine pierre sèche »

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- Claire Cornu (2019) : Symposium international ICOMOS de Marrakech "Rural heritage: landscapes and beyond"
https://scholarworks.umass.edu/icomos_iscc1/2019/papers/7/
- Claire Cornu (2019) : Colloque de l'Académie des Arts traditionnel de Casablanca, Fondation de la mosquée Hassan II « La terre et les matériaux locaux »
http://www.professionnels-pierre-seche.com/userfiles/files/Article%205.%20Mme%20Cornu_Casablanca%202019.pdf
- Claire Cornu (2021) : Colloque international dans les Cahiers du CFPCI n°8 "Le patrimoine culturel immatériel est-il naturel et environnemental ?" le cas de la pierre sèche page 93 à110.
<https://www.maisondesculturesdumonde.org/actualites/cahiers-du-cfpci-8>

Vidéos sur Internet

• Lecture #5 "Les outils du paysage, *sobriété*, concertation, durabilité" : *sobriété* par Alain Freytey paysagiste-concepteur, *concertation* par Laurence Renard paysagiste-conceptrice, et *durabilité* par l'exemple de la pierre sèche - Claire Cornu (à partir de 34'42) : 26 mars 2021 en visioconférence dans le cadre d'un cycle de 7 webinaires proposé par le Collectif paysages de l'après pétrole (PAP).

<https://www.youtube.com/watch?v=hrjCHVRK-Fc>

• Association Nationale Cultures du Monde : « PCI qu'es aquo ? l'art de la construction en pierre sèche » interview vidéo de Claire Cornu et Bruno Schneider, filmé à Dijon en mars 2021, département de Côte d'Or (21) région Bourgogne.

Rapports

• Direction interministérielle à l'aménagement du territoire et à l'action régionale (DATAR), Direction de l'économie, commerce, artisanat et professions libérales (DECASPL), Région Provence-Alpes-Côte d'Azur (PACA) :

◦ Claire Cornu (2006) : « La technique de pierre sèche : état des lieux et perspectives pour les professionnels »

<http://www.professionnels-pierre-seche.com/userfiles/files/rendu%20final%20mars%202006.pdf>

◦ Claire Cornu (2007) : Manifeste pour l'usage des maçonneries en pierre sèche & 3 Chartes : Charte des murailleurs, Charte des territoires et Charte des prescripteurs.

Thèses de Doctorat d'ingénieurs en coopération avec des muraillers :

1. Boris Villemus (2004) : "Etude des murs de soutènement en maçonnerie de pierre sèche" – tuteur Jean-Claude Morel, Laboratoire Géomatériaux (LGM) ENTPE Lyon.

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Interviews

• RCF Vaucluse : émission *Les Midis de RCF Vaucluse* de Teddy Follenfant
du jeudi 2 mai 2019 - 11h00/12h00 - interview en trois parties (entrecoupé
de pauses musicales) de Claire CORNU, Danièle LARCENA (membre
d'honneur FFPPS) et Armonie SEGOND de l'APARE-CME (membre FFPPS)

• France Inter : émission Carnets de campagne de Philippe Bertrand,
spécial Vaucluse du mardi 12 mars 2019 - 12h30/12h45 - interview de
Claire CORNU sur la distinction UNESCO - écouter à partir de 1'43

• Claude Gargi rédacteur en chef de la revue Pierre Actual : interview de
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Cornu Claire

Graduate in architecture (DPLG) and in urban planning (DESS), certified in environmental quality of the building (QEB) and environmental approach of the urban planning (AEU). Founding member of the French Federation of Dry Stone Professionals (FFPPS), a network she initiated with Paul Arnault in 1999 and a mission she coordinated for the Chamber of Trades and Crafts of Vaucluse between 1999 and 2017. Initiator of the registration of dry stone waller as a rare craft at the Ministry of Culture in 2010, then dry stone waller as a specialty of heritage mason in the National List of Crafts common to 3 french ministries in 2016. Initiator of the project of transnational application to UNESCO at the SPS Congress in Sardinia in 2012.

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